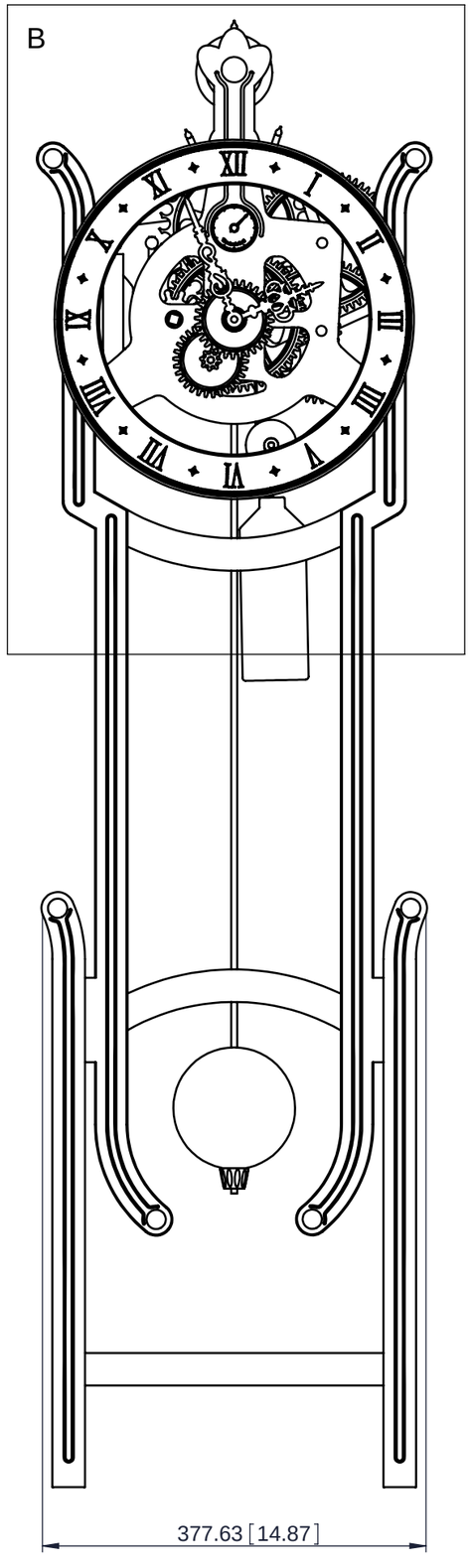
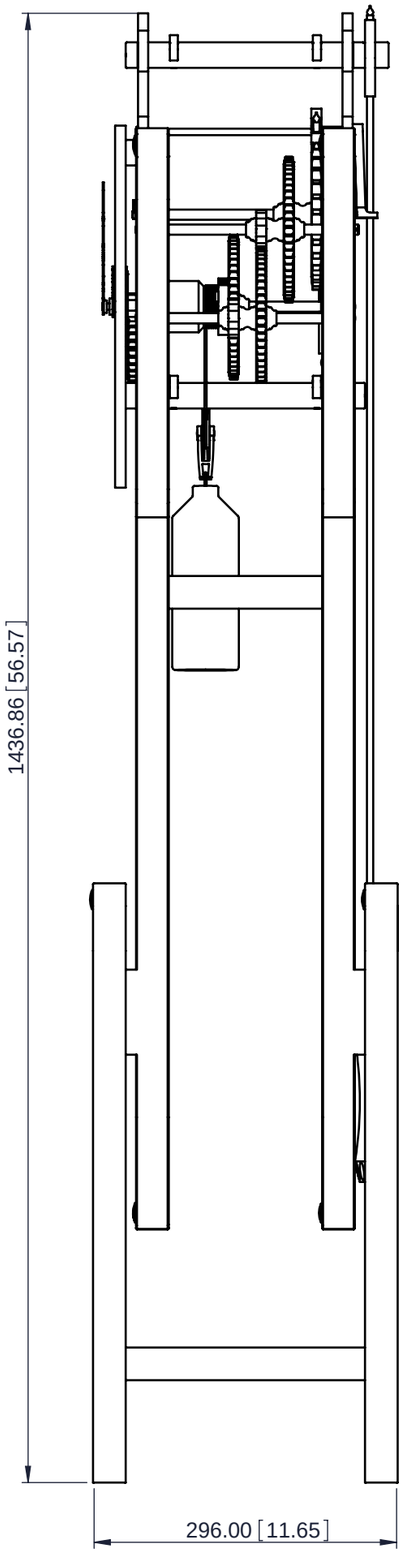
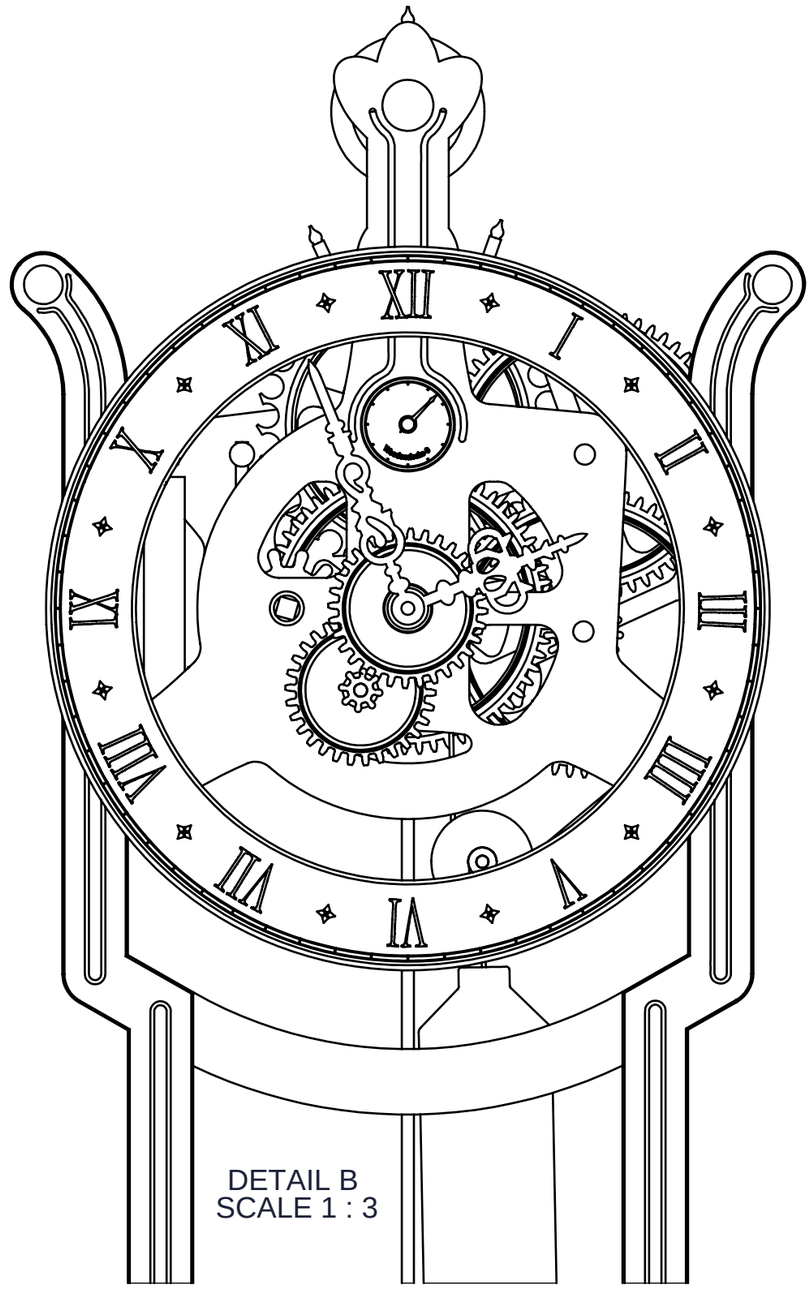


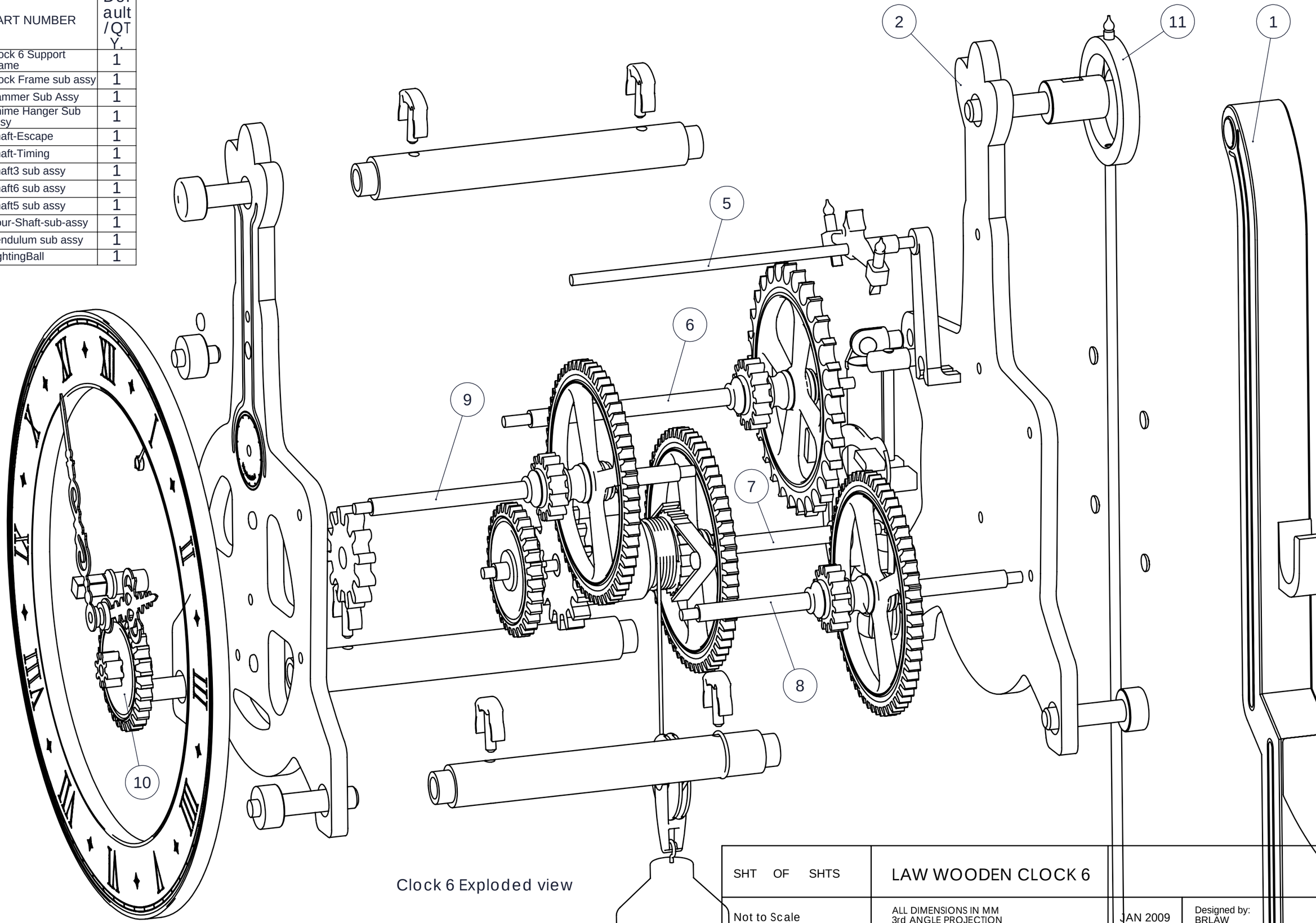




DETAIL B
SCALE 1 : 3

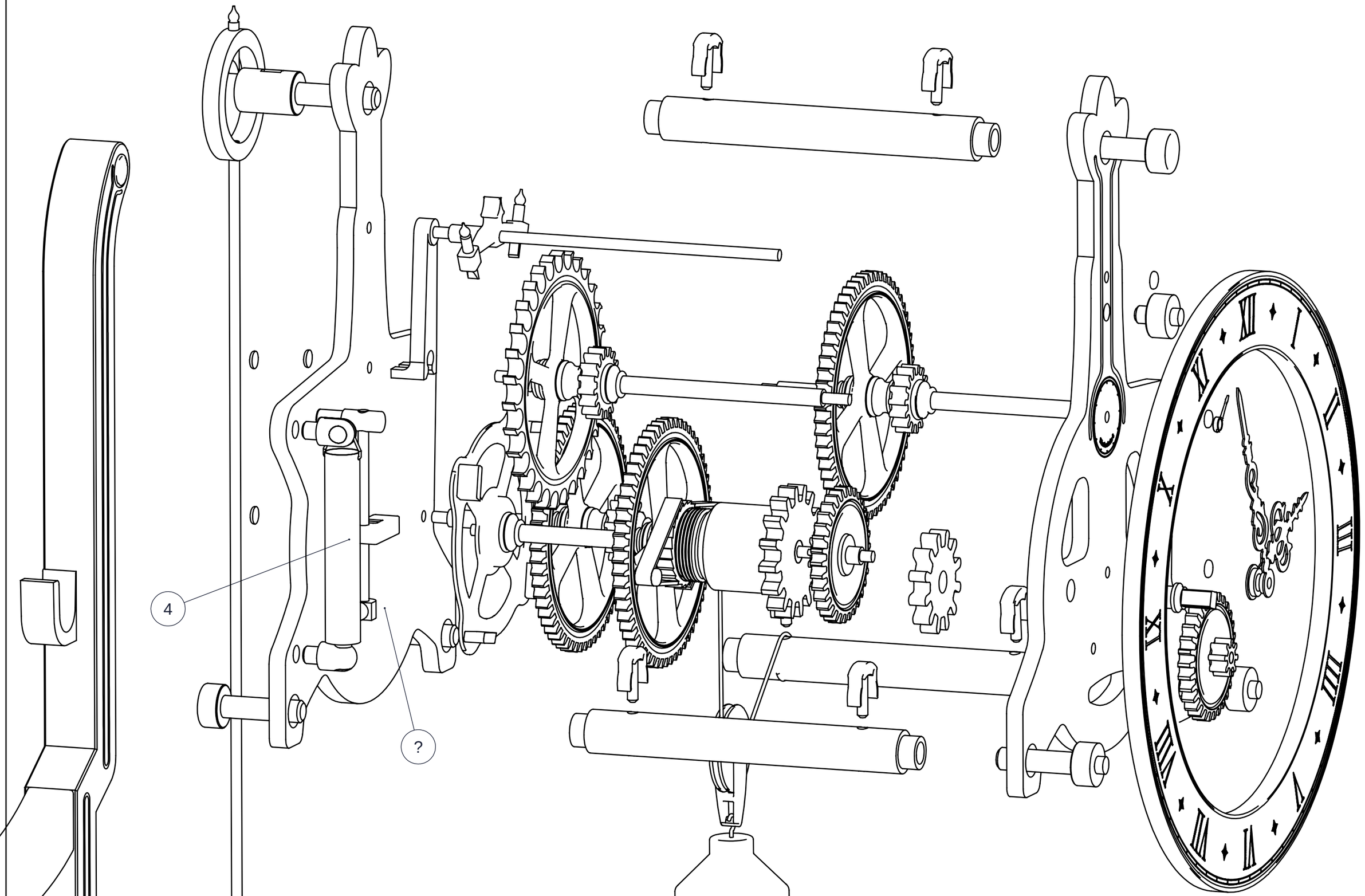
SHT OF SHTS	LAW WOODEN CLOCK 6	Clock 6 General Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk

ITEM NO.	PART NUMBER	Default/QTY.
1	Clock 6 Support Frame	1
2	Clock Frame sub assy	1
5	Hammer Sub Assy	1
4	Chime Hanger Sub Assy	1
5	Shaft-Escape	1
6	Shaft-Timing	1
7	Shaft3 sub assy	1
8	Shaft6 sub assy	1
9	Shaft5 sub assy	1
10	Hour-Shaft-sub-assy	1
11	Pendulum sub assy	1
12	LightingBall	1

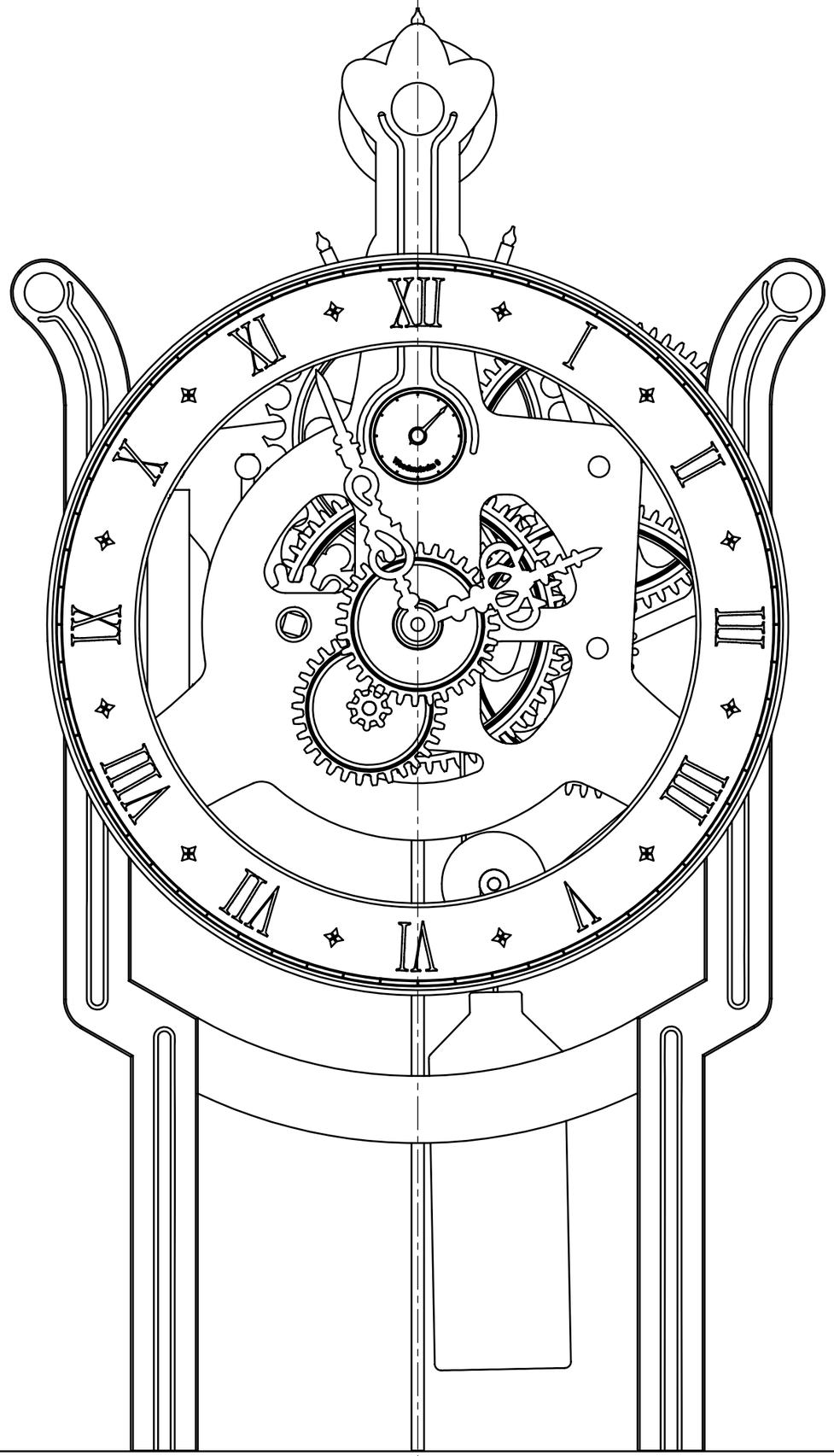


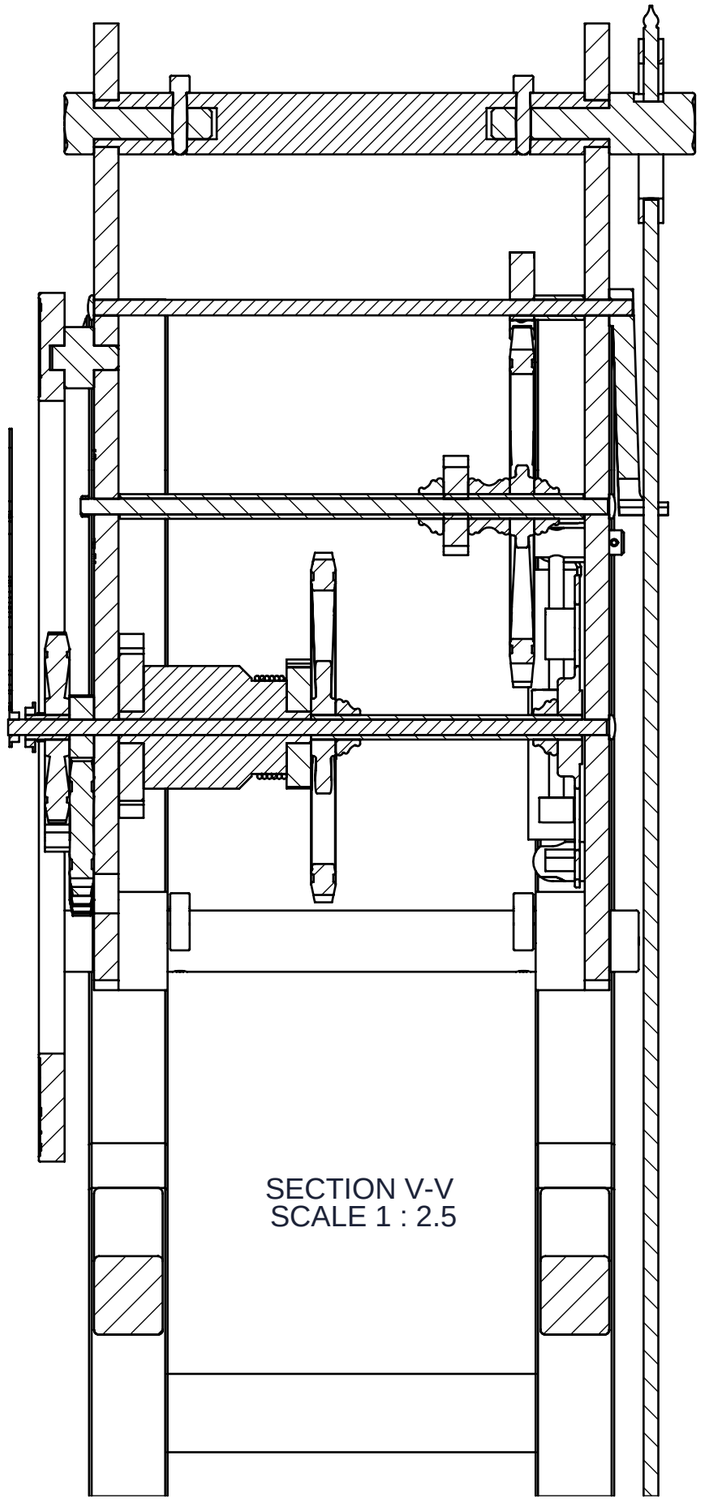
Clock 6 Exploded view

SHT OF SHTS	LAW WOODEN CLOCK 6		
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk



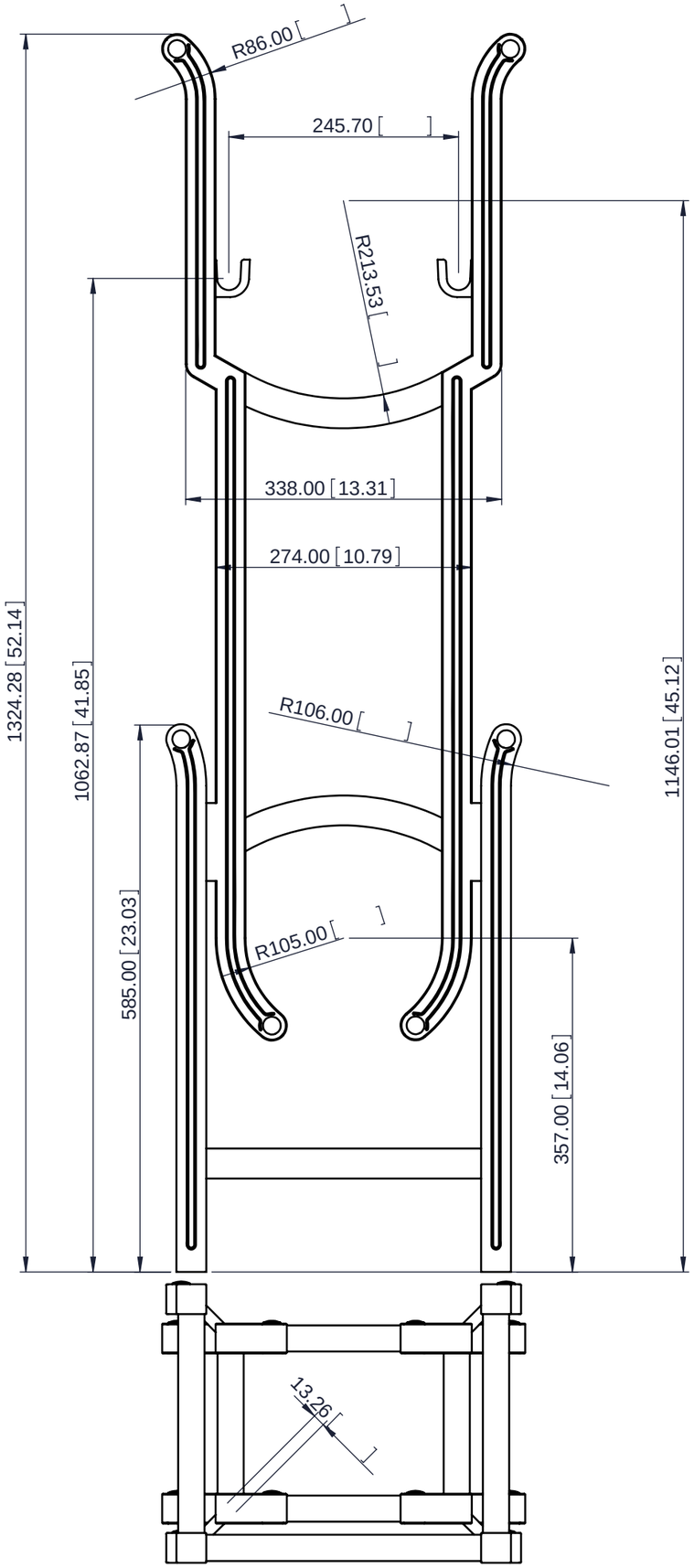
SHT OF SHTS	LAW WOODEN CLOCK 6	Clock Frame Sub Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk

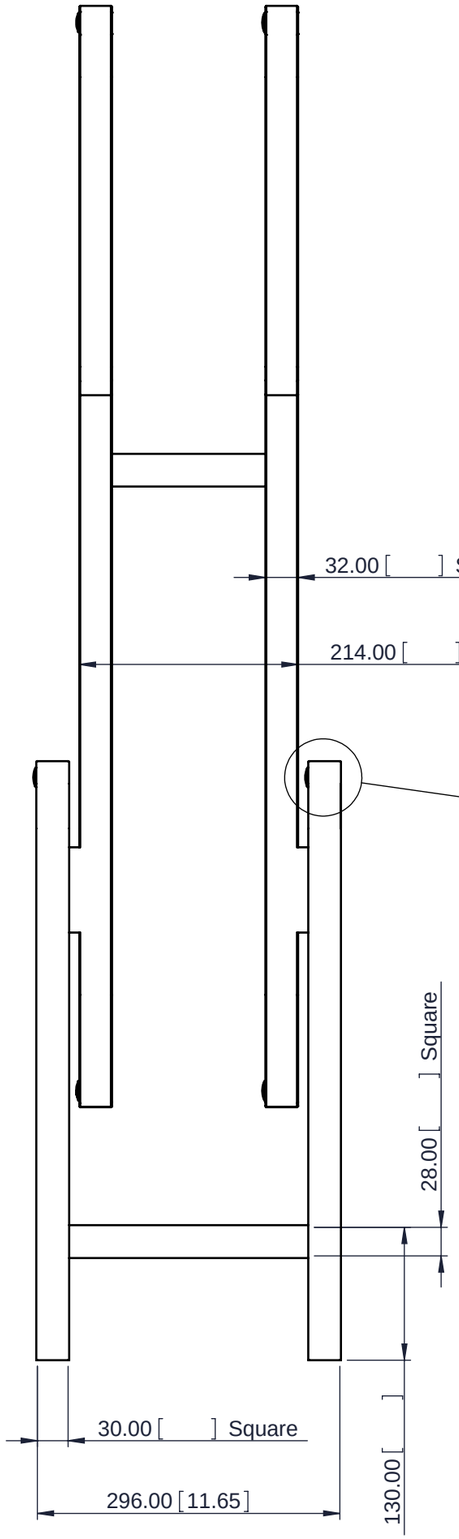


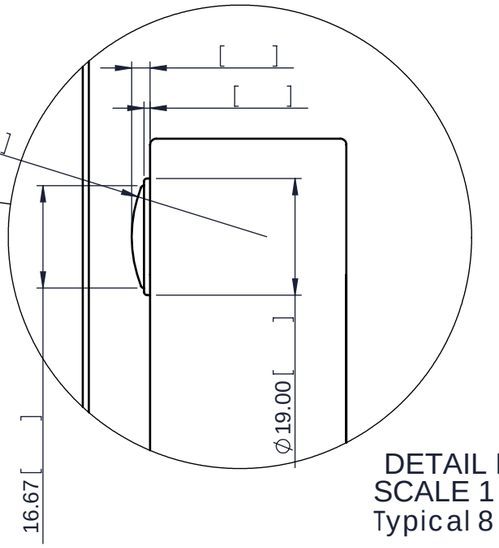


SECTION V-V
SCALE 1 : 2.5

SHT OF SHTS	LAW WOODEN CLOCK 6	Clock 6 Cross Section	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk

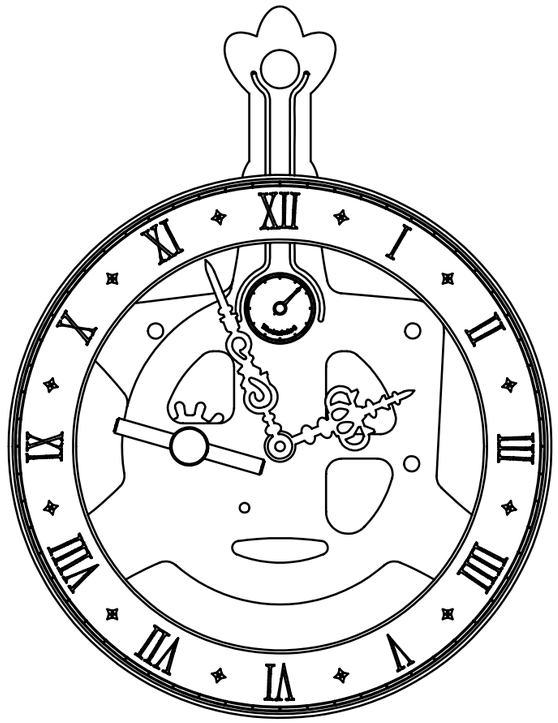


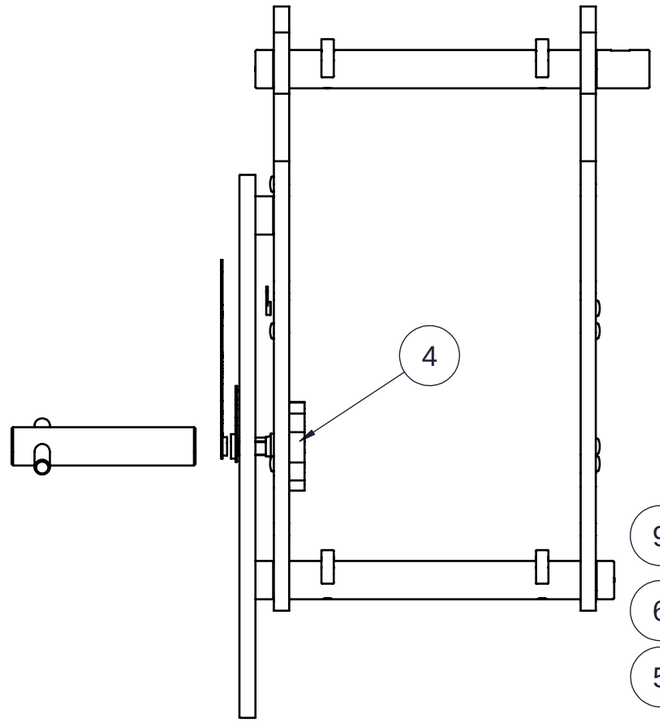


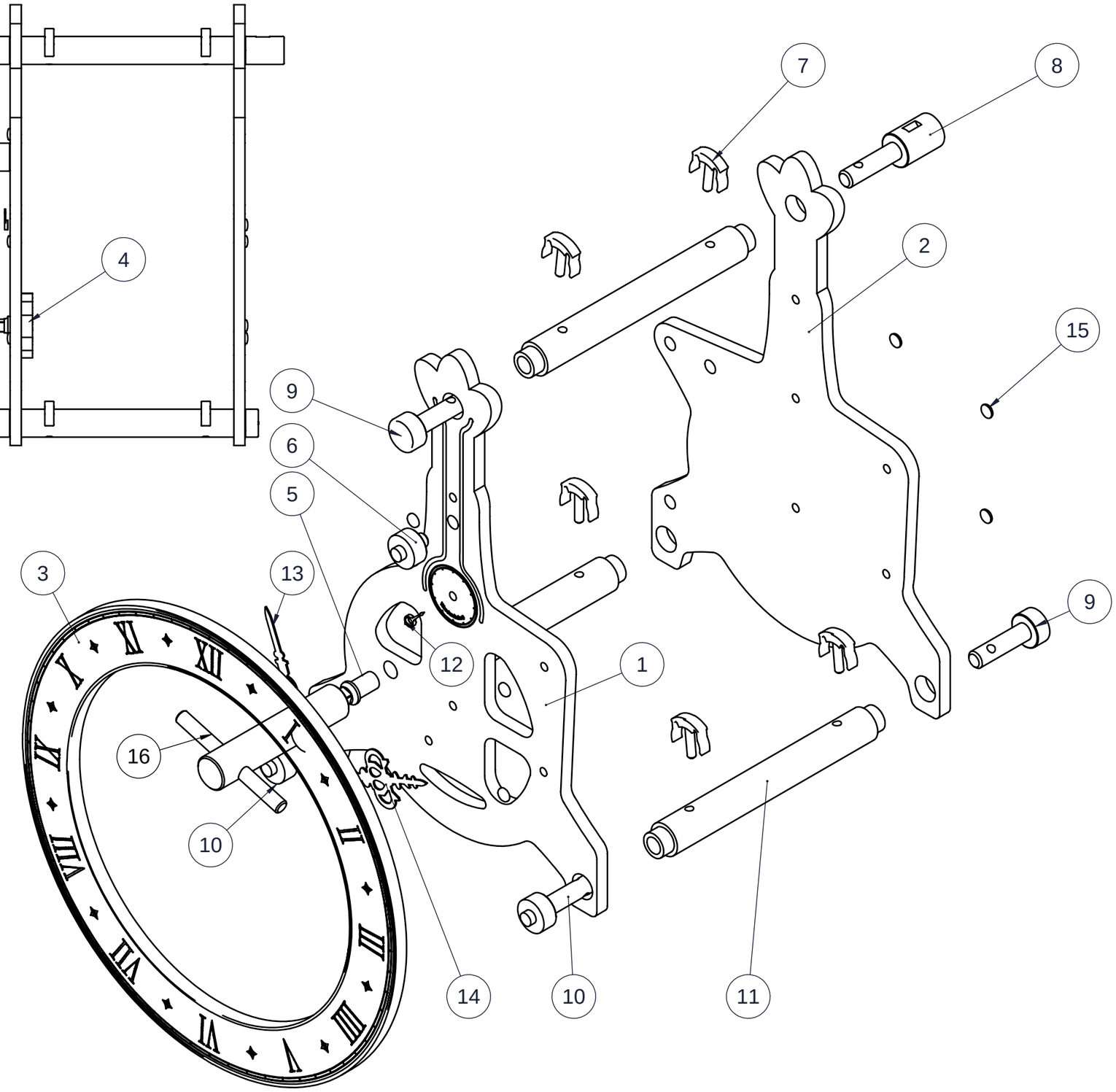


DETAIL D
SCALE 1 : 1
Typical 8 places

SHT OF SHTS	LAW WOODEN CLOCK 6	Clock 6 Support frame	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk

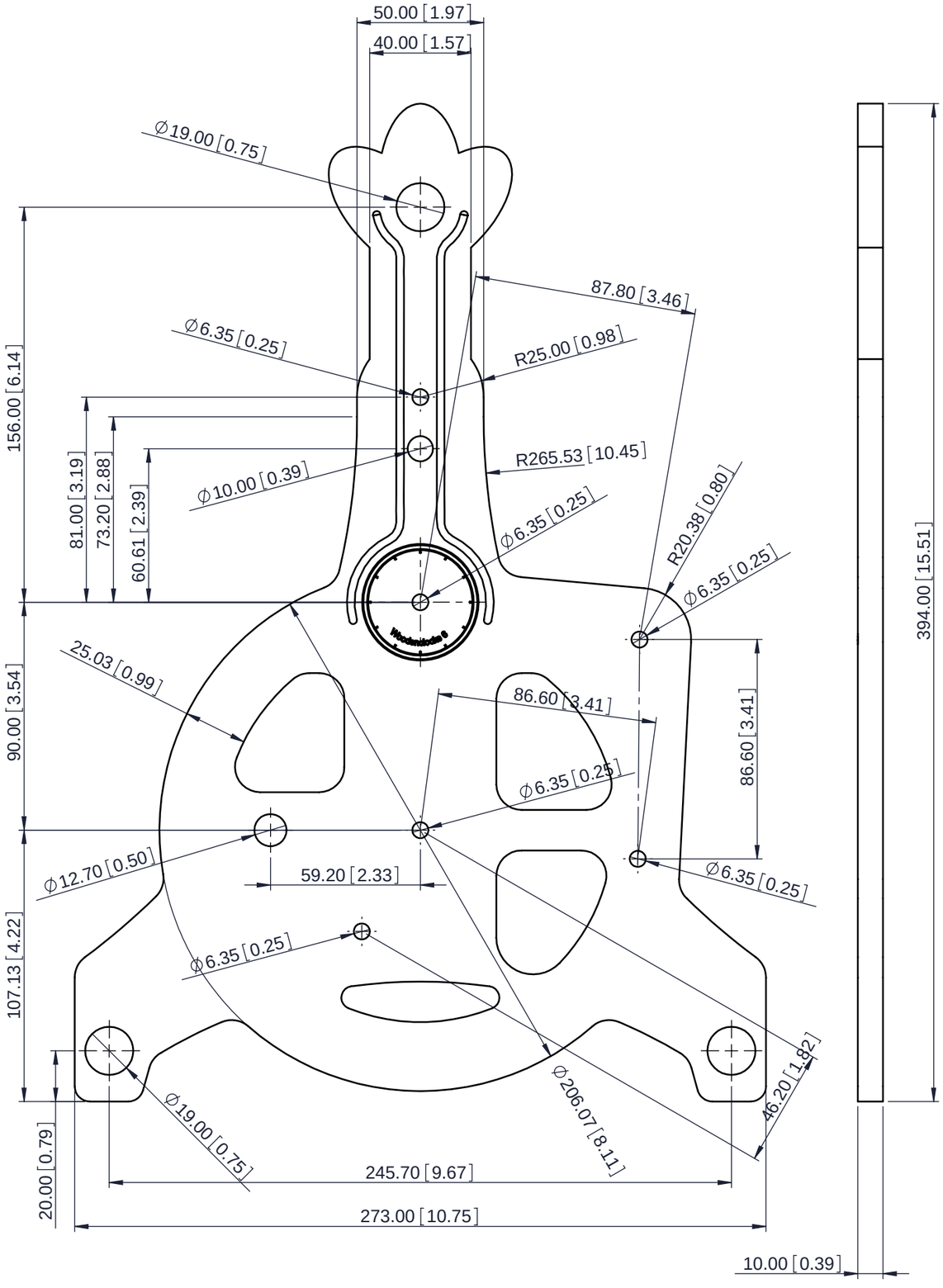






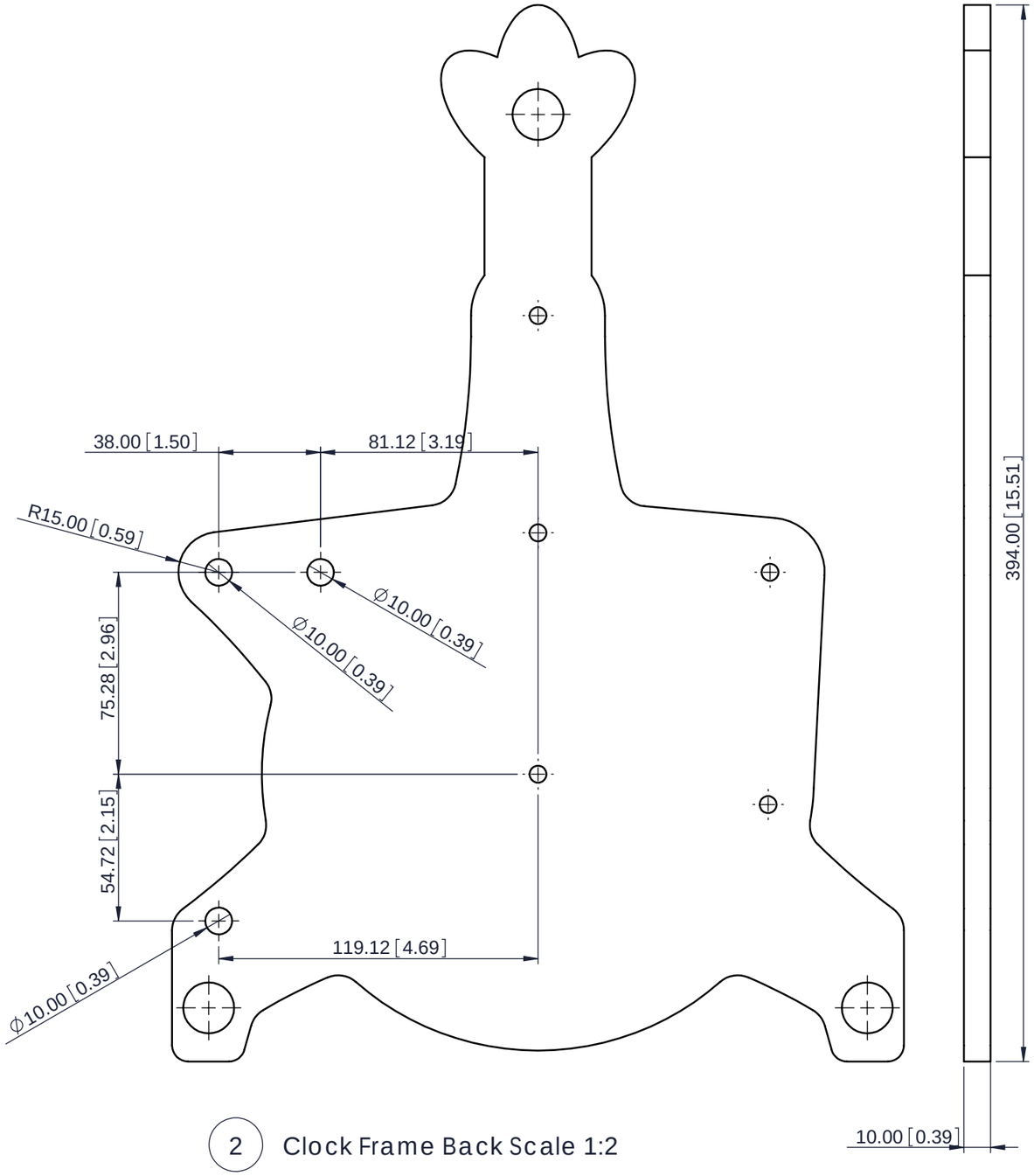
ITEM NO.	PART NUMBER	Exploded/QTY.
1	Clock 6-Front	1
2	Clock 6 Back	1
3	Clock 6 Dial	1
4	Clock 6-12teeth-DP6	1
5	Clock6-Key Shaft	1
6	Clock 6-Spacer Pin-Dial Support-Top	1
7	Clock 6-1Securing Pin	6
8	Clock 6-Pendulum Hanger	1
9	Clock 6-Spacer Pin	3
10	Clock 6-Spacer Pin-Dial Support	2
11	Clock 6 Spacer	3
12	Clock 6 Seconds Hand	1
13	Clock 6-Minute Hand	1
14	Clock 6-Hour Hand	1
15	Clock 6-Shaft Cover	7
16	WINDER	1

SHT OF SHTS	LAW WOODEN CLOCK 6	Clock Frame Sub Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk



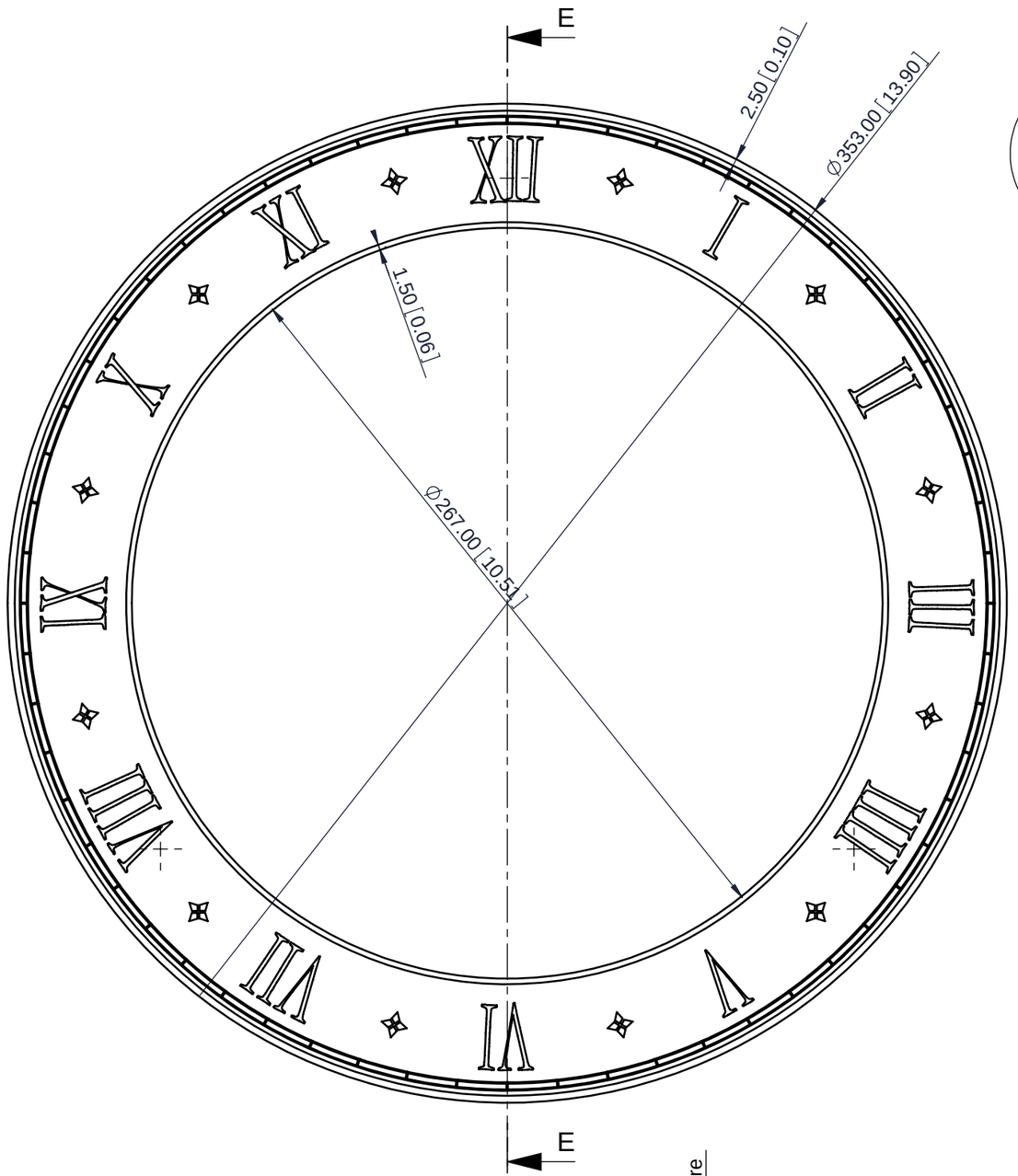
1 Clock Frame Front Scale 1:2

Other holes drilled through from the front

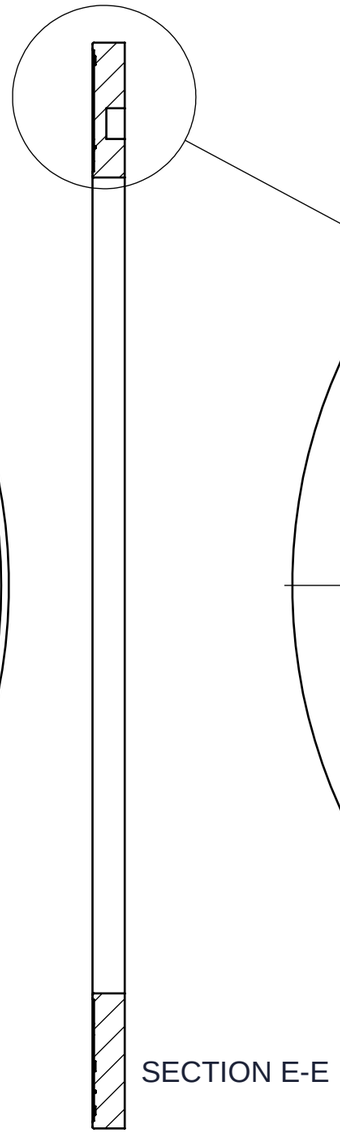


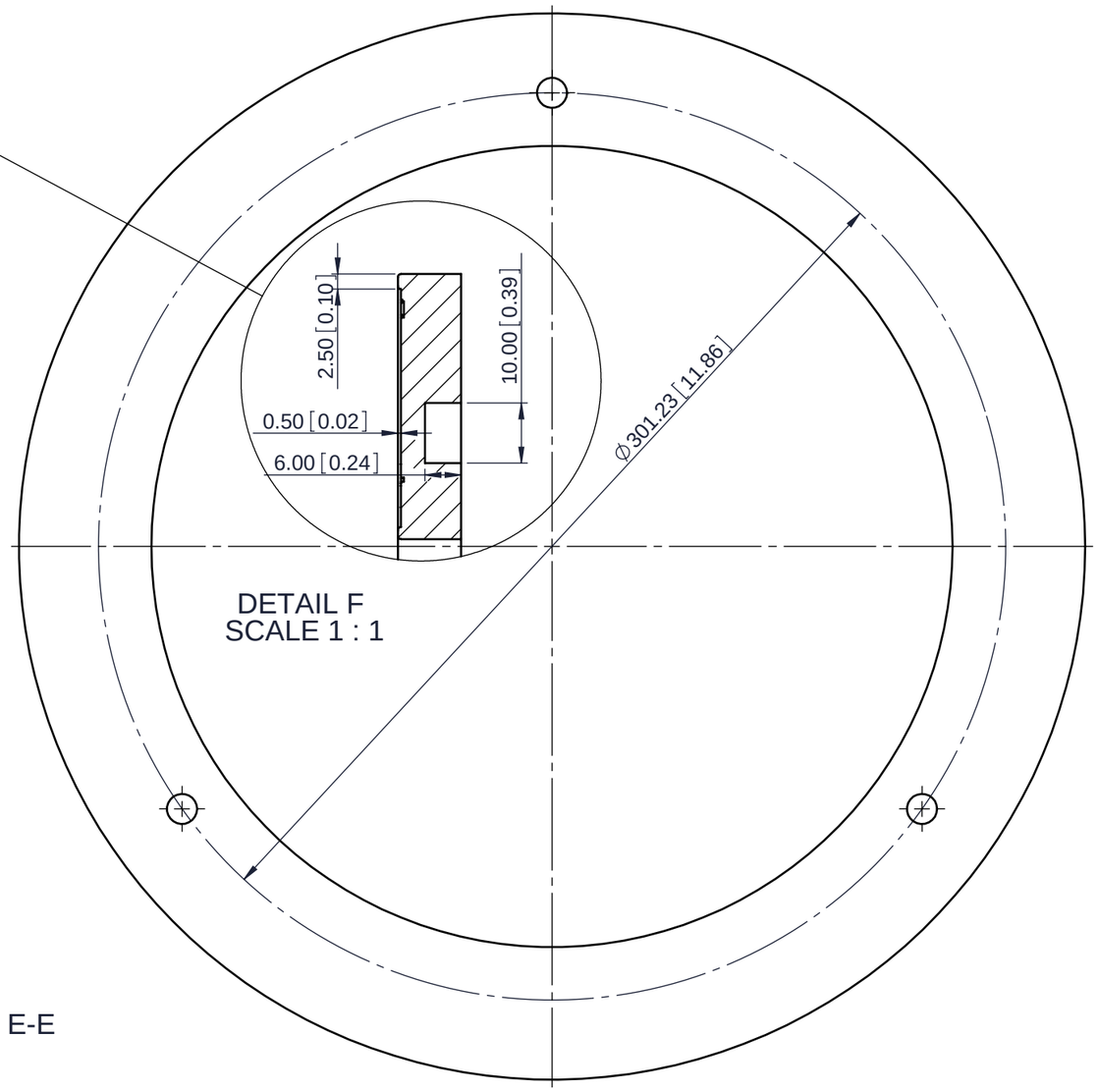
2 Clock Frame Back Scale 1:2

SHT OF SHTS	LAW WOODEN CLOCK 6	Clock Frame Sub Assembly
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009
		Designed by: BRLAW www.woodenclocks.co.uk

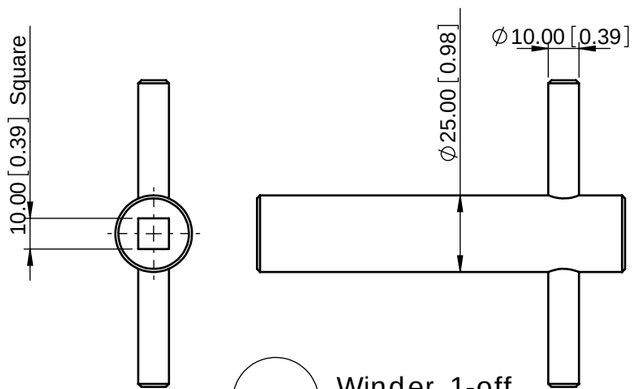


3 Dial Scale 1:2



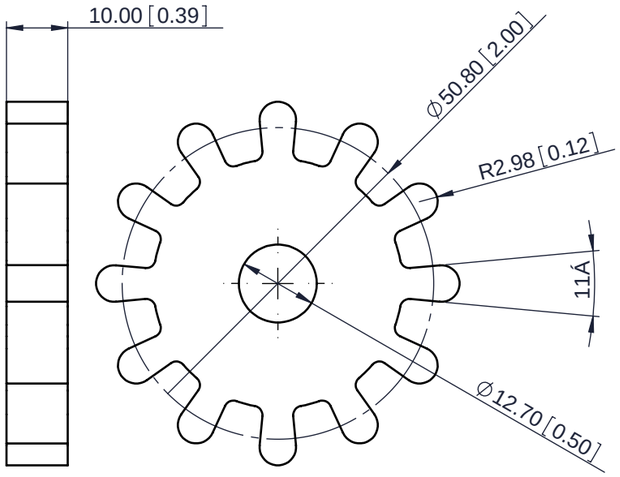


DETAIL F
SCALE 1 : 1

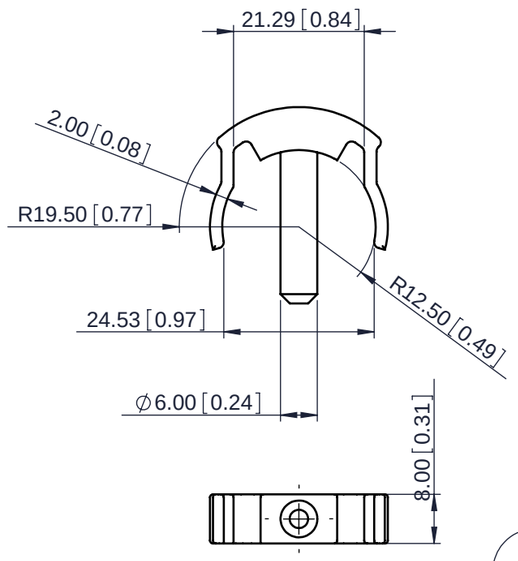


16 Winder 1-off
Scale 1:2

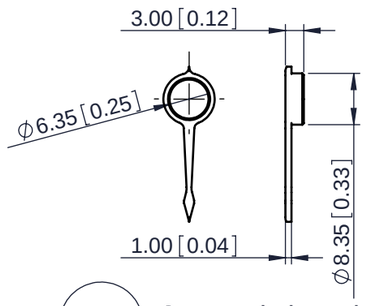
SHT OF SHTS	LAW WOODEN CLOCK 6	Clock Frame Sub Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk



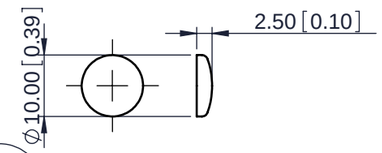
4 Gear 12 Teeth DP 6 1 off



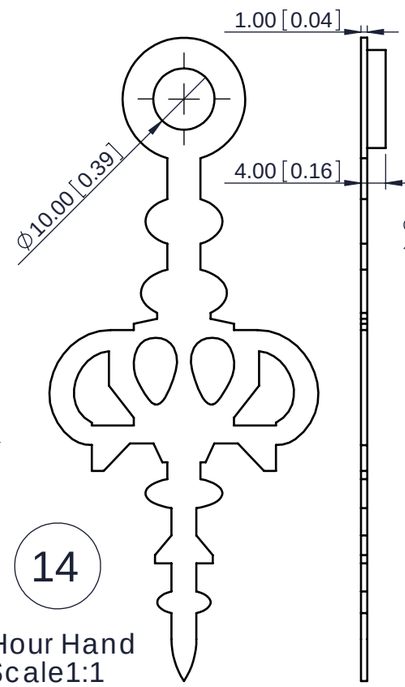
7 Securing Pin 6 off
Scale 1:1



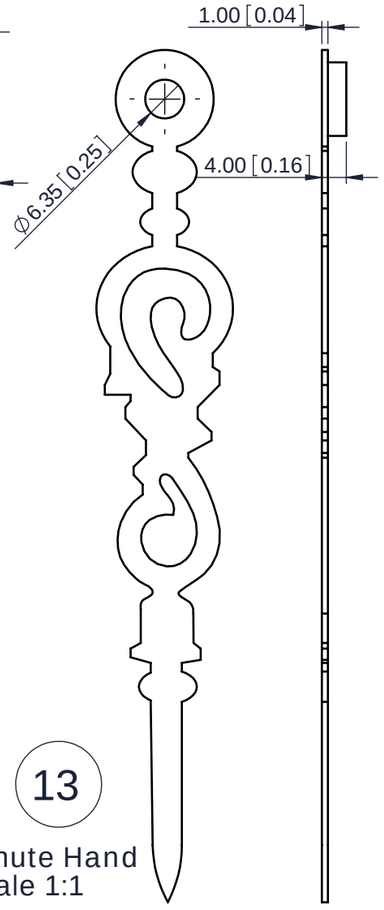
12 Seconds hand
Scale1:1



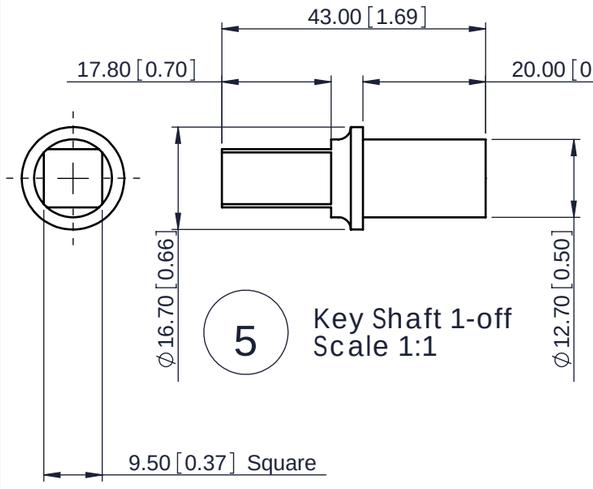
15 Shaft Cover 7-off
Scale 1:1



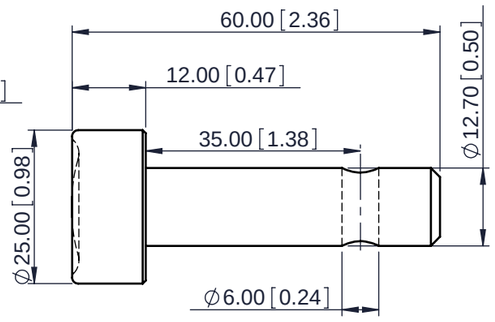
14 Hour Hand
Scale1:1



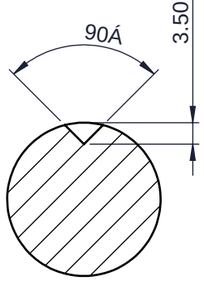
13 Minute Hand
Scale 1:1



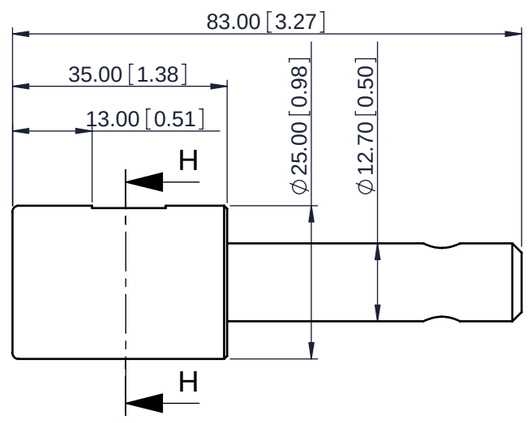
5 Key Shaft 1-off
Scale 1:1



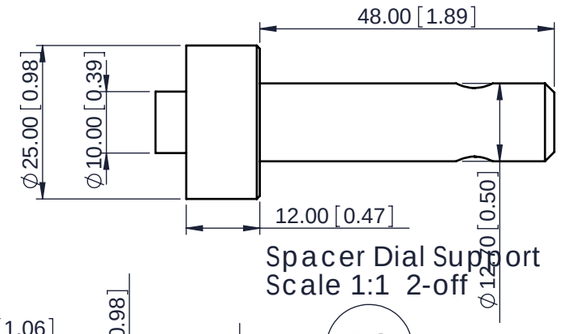
9 Spacer 3 off
Scale 1:1



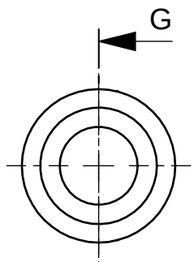
SECTION H-H
SCALE 1 : 1

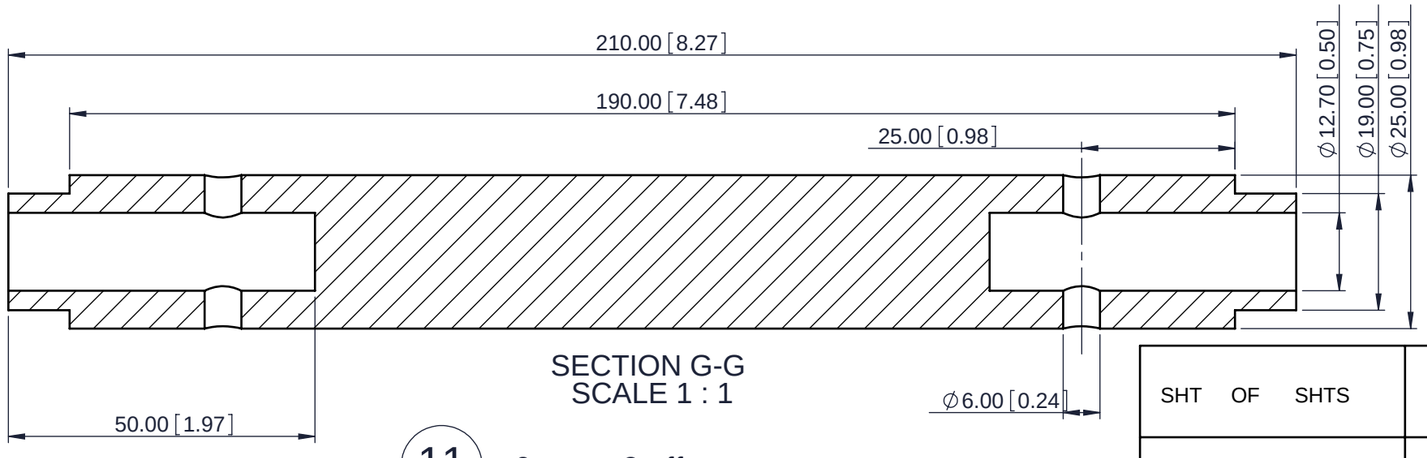


8 Pendulum Hanger
Scale 1:1



Spacer Dial Support
Scale 1:1 2-off

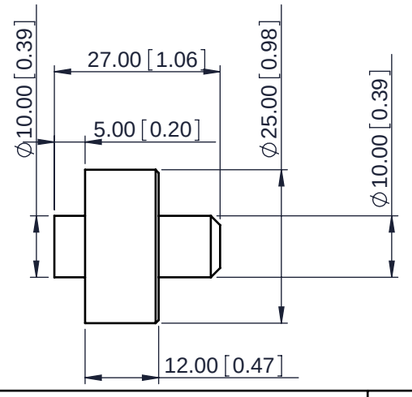




SECTION G-G
SCALE 1 : 1

11 Spacer 3 off

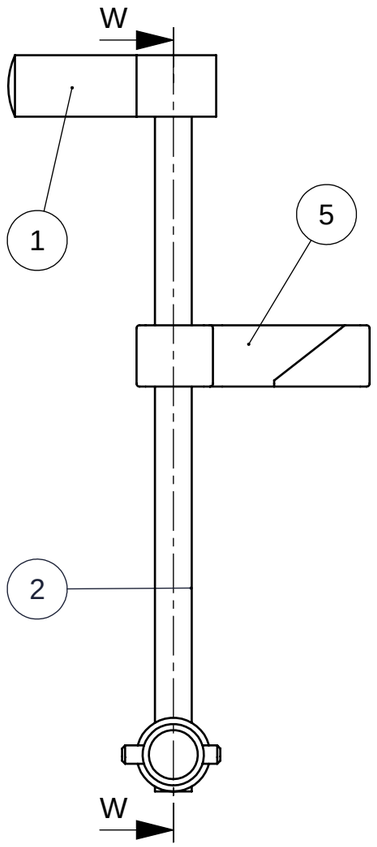
10

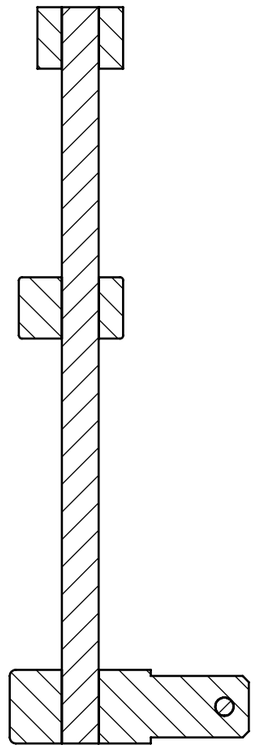


6 Spacer Pin-Dial Top
Scale 1:1

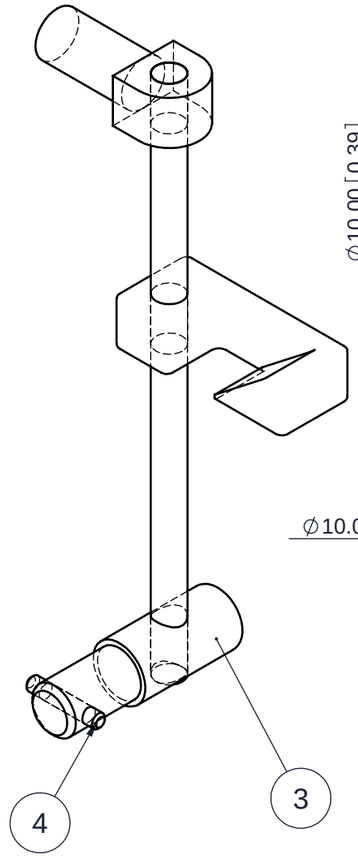
SHT OF SHTS	LAW WOODEN CLOCK 6	Clock Frame Sub Assembly
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009
		Designed by: BRLAW www.woodenclocks.co.uk

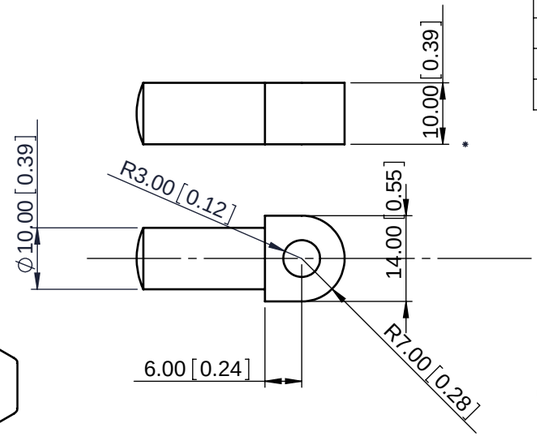
ITEM NO.	PART NUMBER	QTY.
1	Clock 6-Chime hammer Head	1
2	Clock 6-Chime hammer Shaft	1
3	Clock 6-Chime hammer Pivot	1
4	Clock 6-Chime hammer Pin	1
5	Clock 6-Chime hammer Hook	1



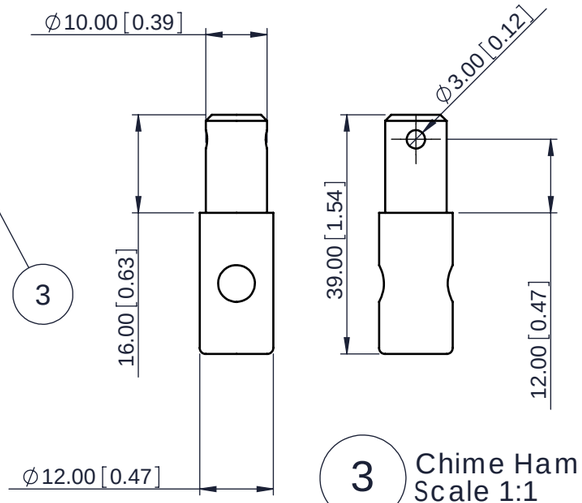


SECTION W-W
SCALE 1 : 1

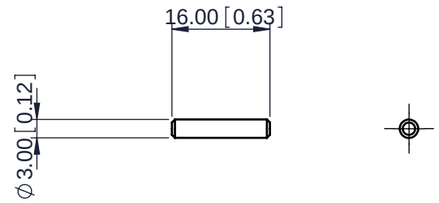




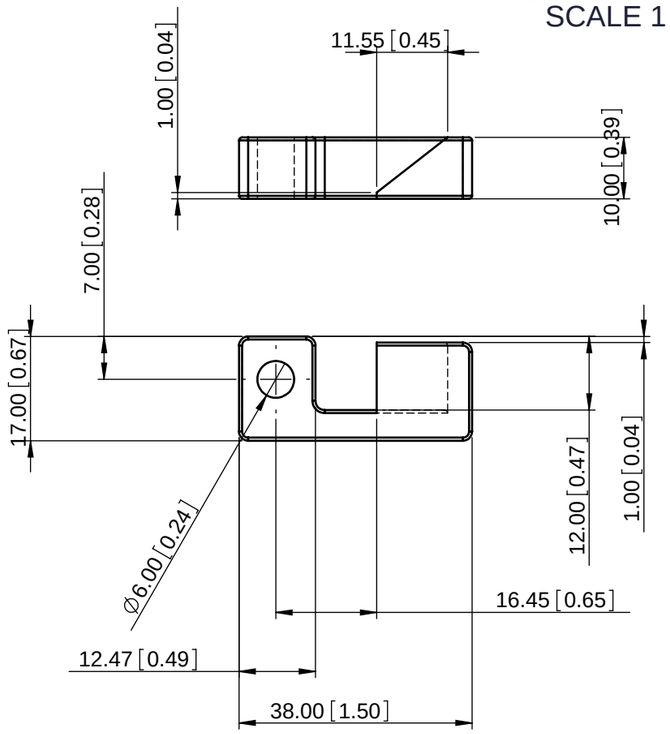
1 Chime Hammer Head 1- off
Scale 1:1



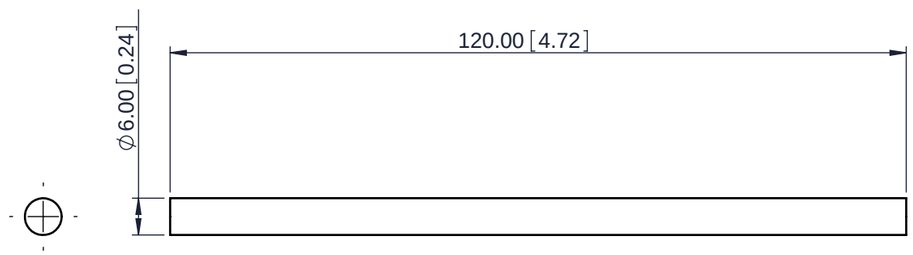
3 Chime Hammer Pivot 1-off
Scale 1:1



4 Chime Hammer Pin 1 -off
Scale 1:1

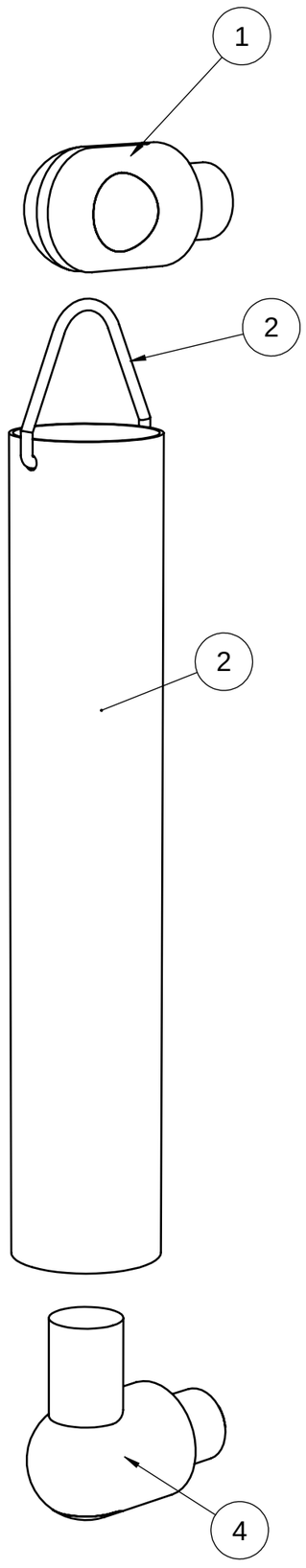


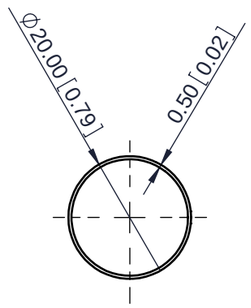
5 Chime Hammer Hook 1-off
Scale 1:1

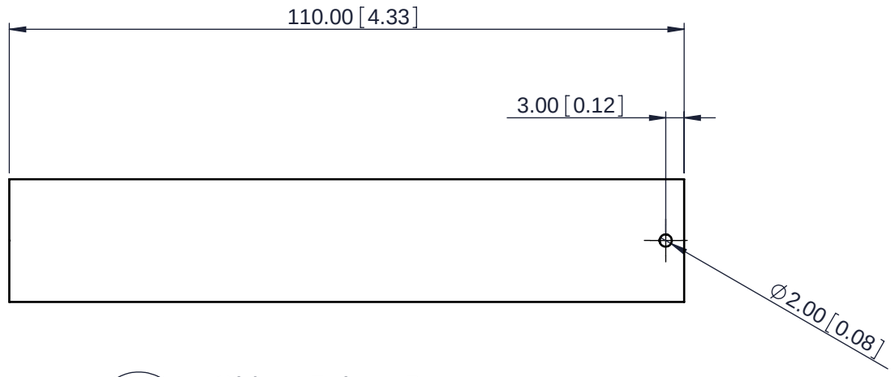


2 Chime Hammer Shaft 1-off
Scale 1:1

SHT OF SHTS	LAW WOODEN CLOCK 6	Chime Hammer Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk

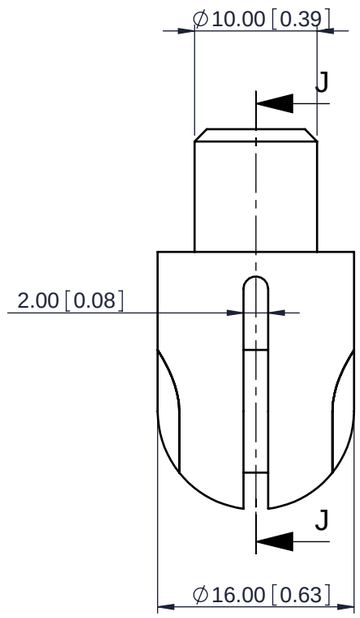


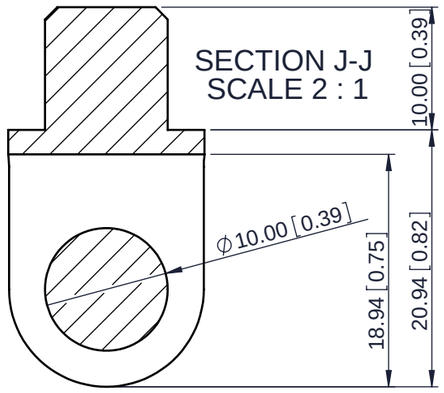




3 Chime Tube - Brass

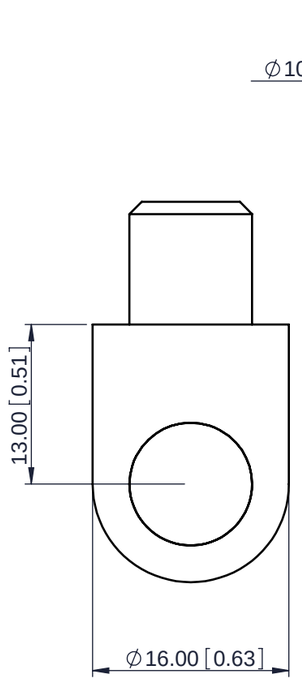
Scale 1:1

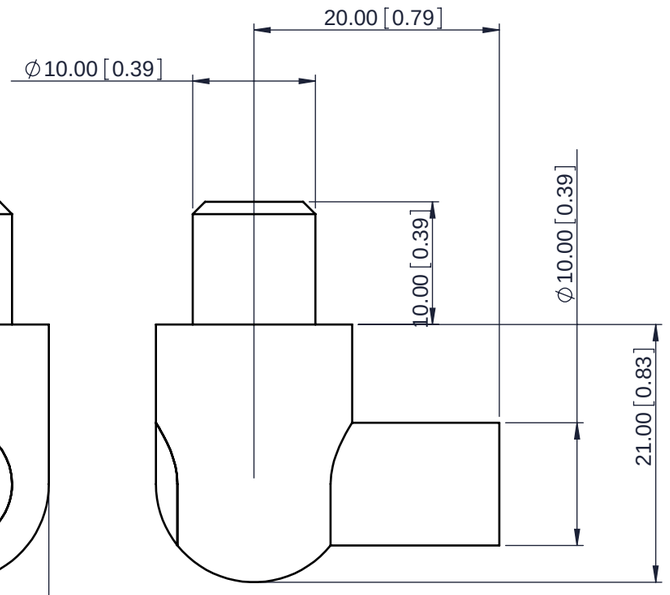




1 ChimeHanger 1-0ff

Scale 2:1



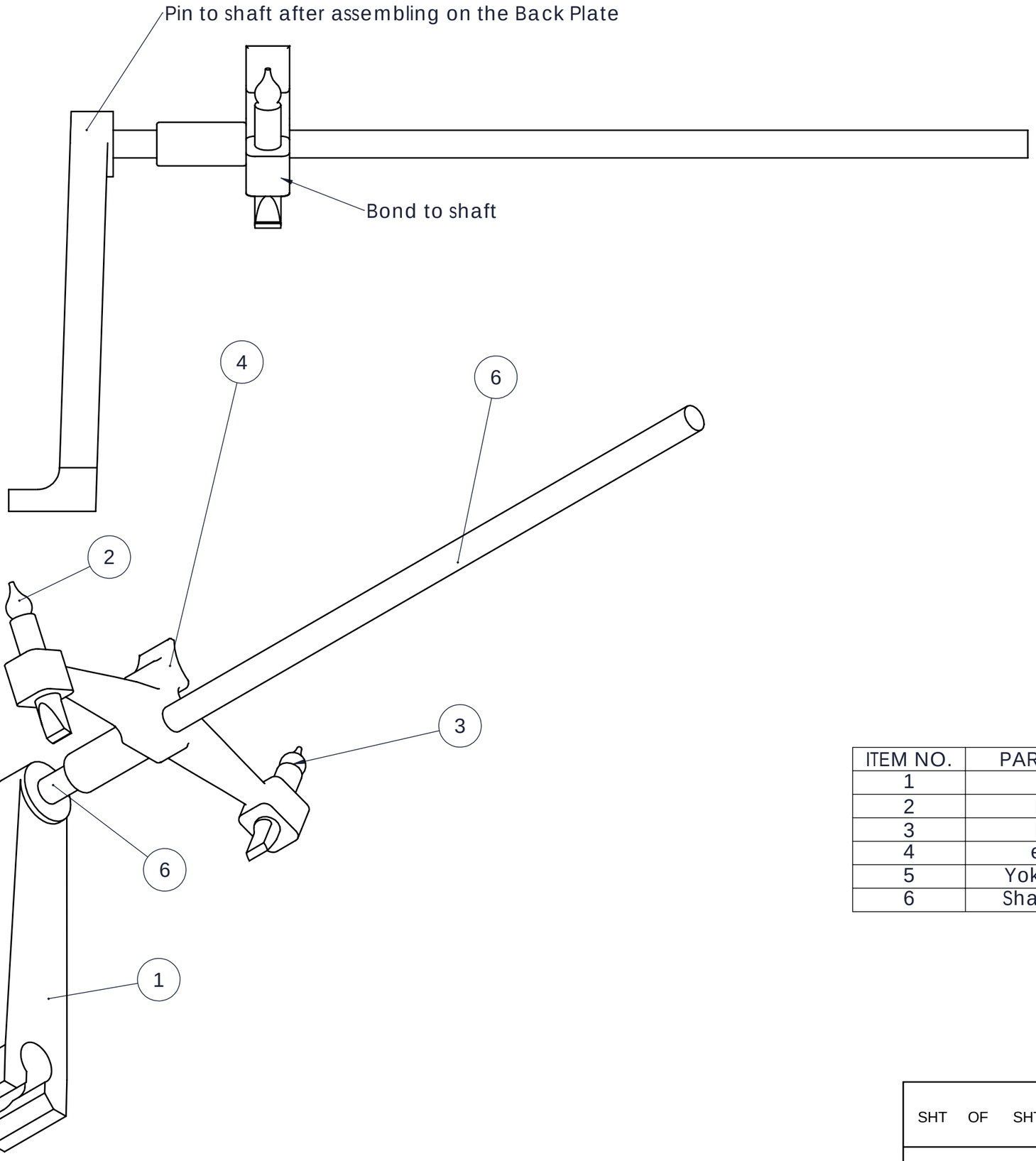


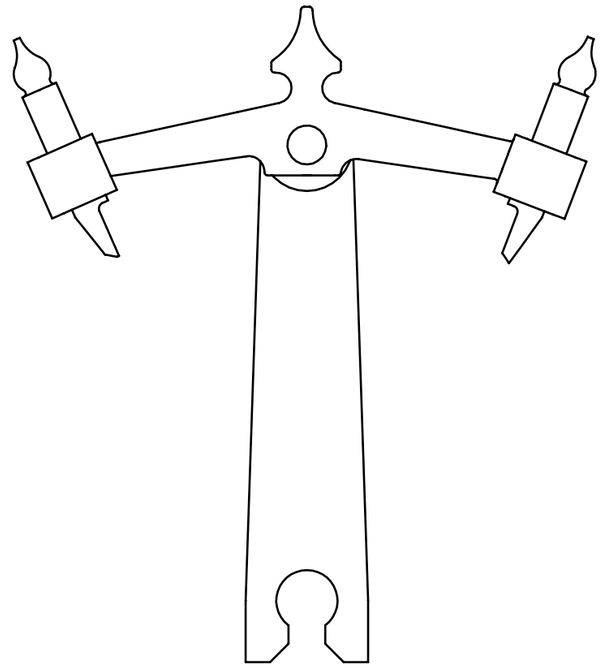
4 Chime - Bopttom Support

Scale 2:1

ITEM NO.	PART NUMBER	QTY.
1	Clock 6-ChimeHanger	1
2	Clock 6-ChimeHanger-cord	1
2	Clock 6-Chime-Tube	1
4	Clock 6-Chime Bottom Support	1

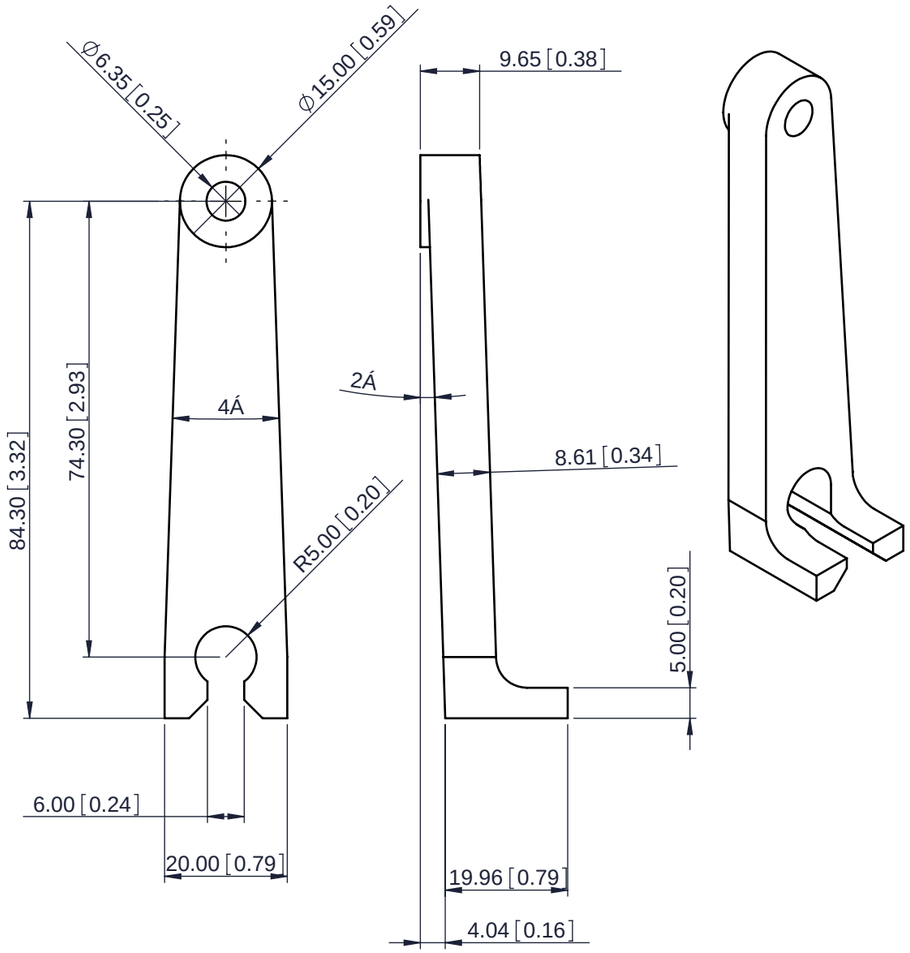
SHT OF SHTS	LAW WOODEN CLOCK 6	Chime Hanger Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk



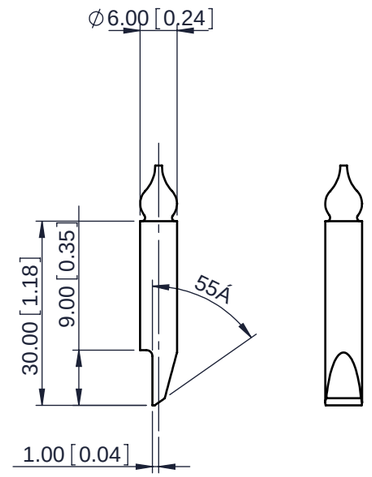


ITEM NO.	PART NUMBER	QTY.
1	yoke	1
2	Pallet1	1
3	Pallet2	1
4	escape	1
5	Yoke-Spacer	1
6	Shaft-Escape	1

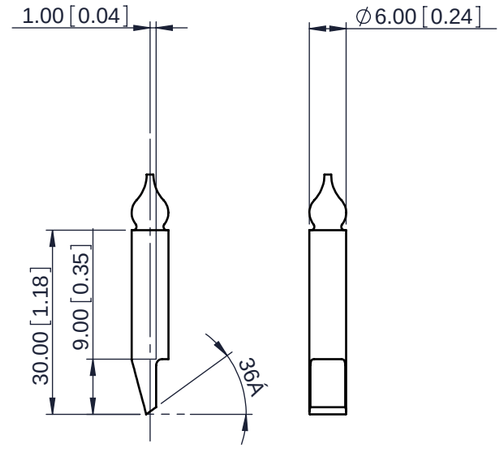
SHT OF SHTS	LAW WOODEN CLOCK 6	Escapement Shaft Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk



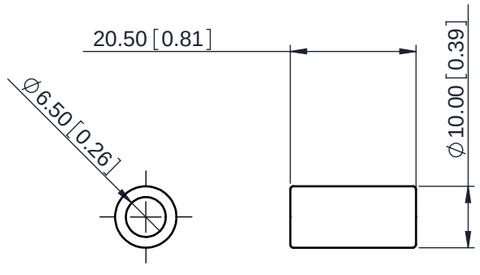
1 Yoke 1-off
Scale 1:1



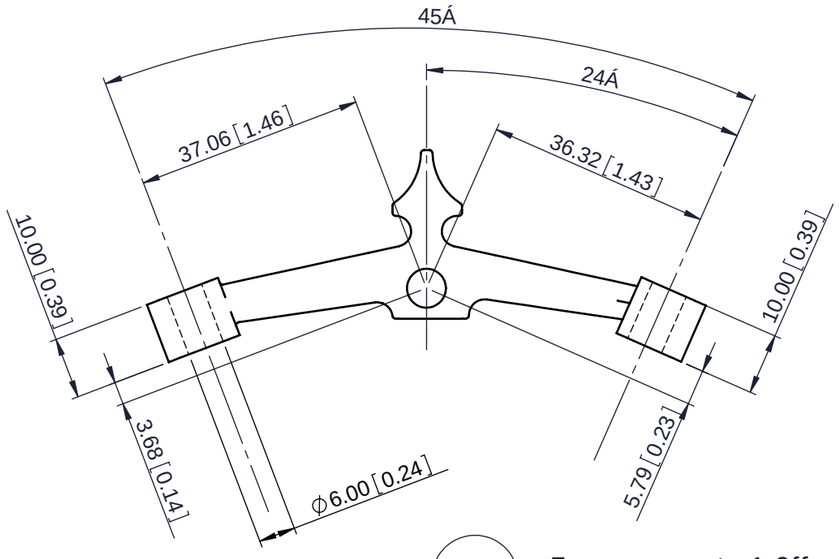
2 Pallet 1 1-0ff
Scale 1:1



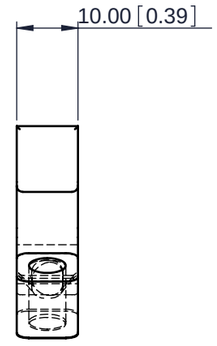
3 Pallet 2 1-0ff
Scale 1:1

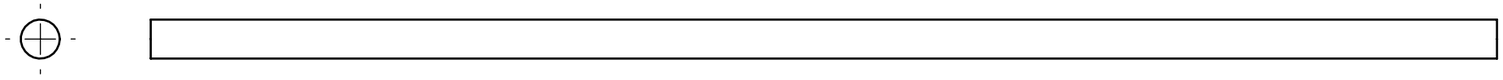


5 Yoke Spacer 1-off
Scale 1:1



4 Escapement 1-0ff
Scale 1:1

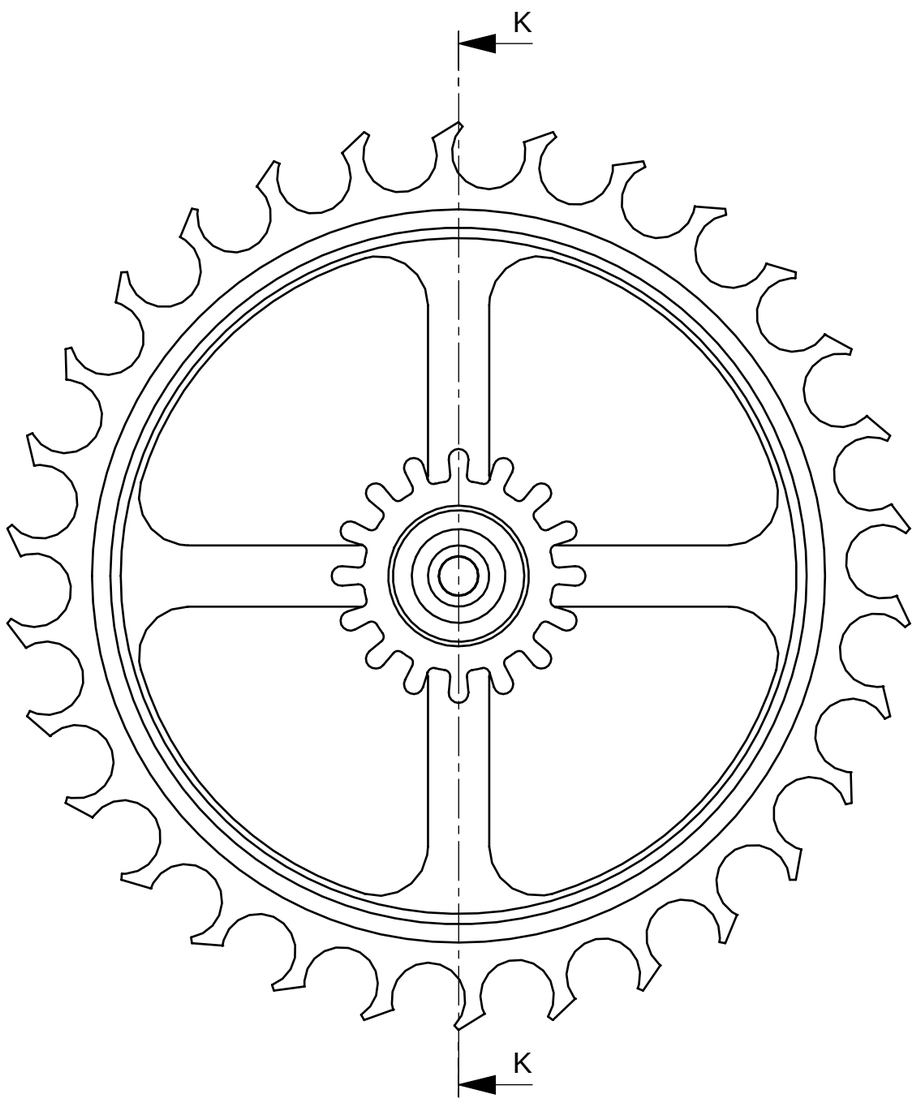


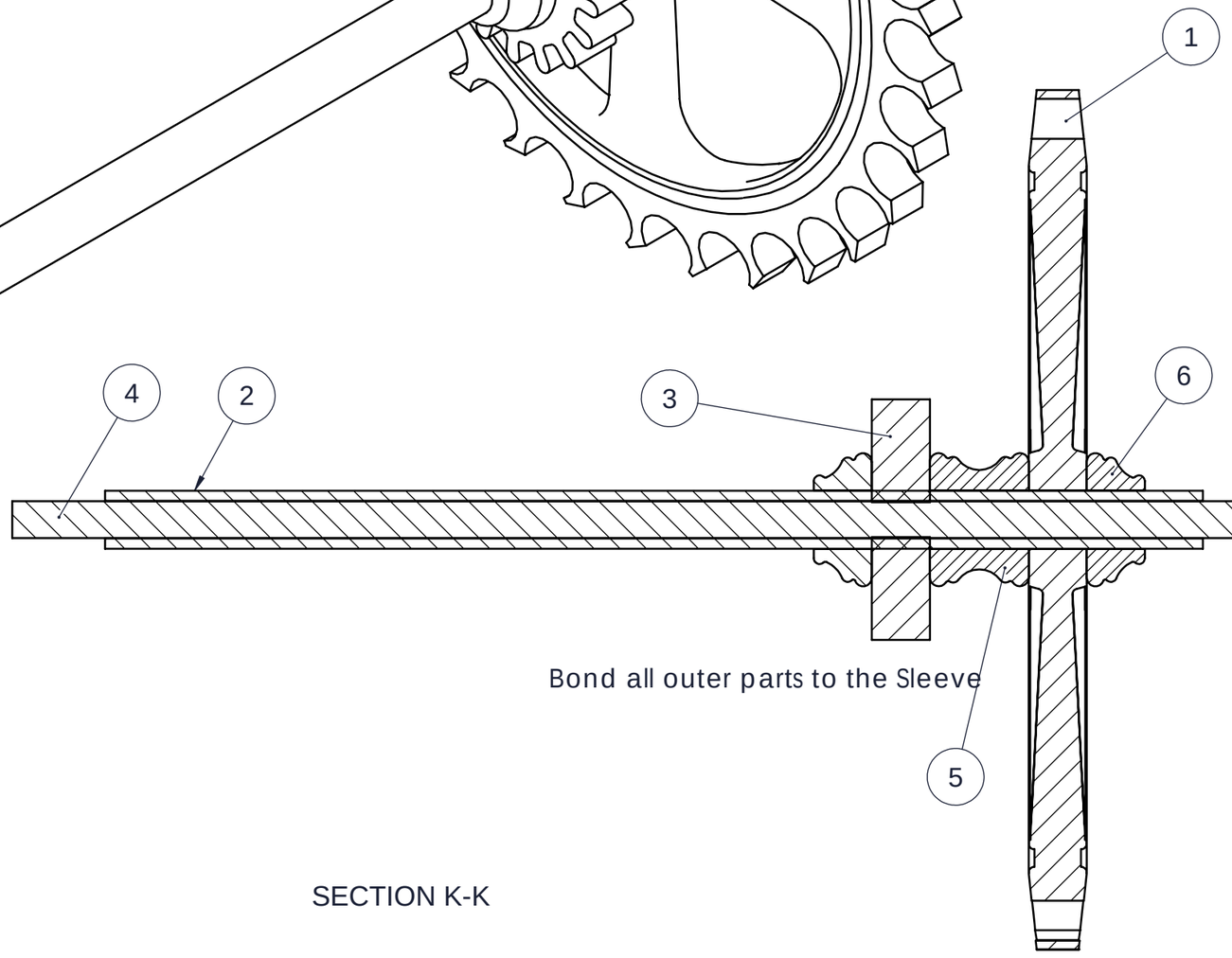


6 Escape Shaft - Brass 1-off
Scale 1:1

SHT OF SHTS	LAW WOODEN CLOCK 6	Escapement Shaft Assembly
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009
		Designed by: BRLAW www.woodenclocks.co.uk

ITEM NO.	PART NUMBER	QTY.
1	Timing	1
2	Clock 6-Sleeve-190	1
3	16teeth	1
4	Shaft-215	1
5	Clock 6 Gear-Support-Double	1
6	Clock 6 Gear-Support-Single	2

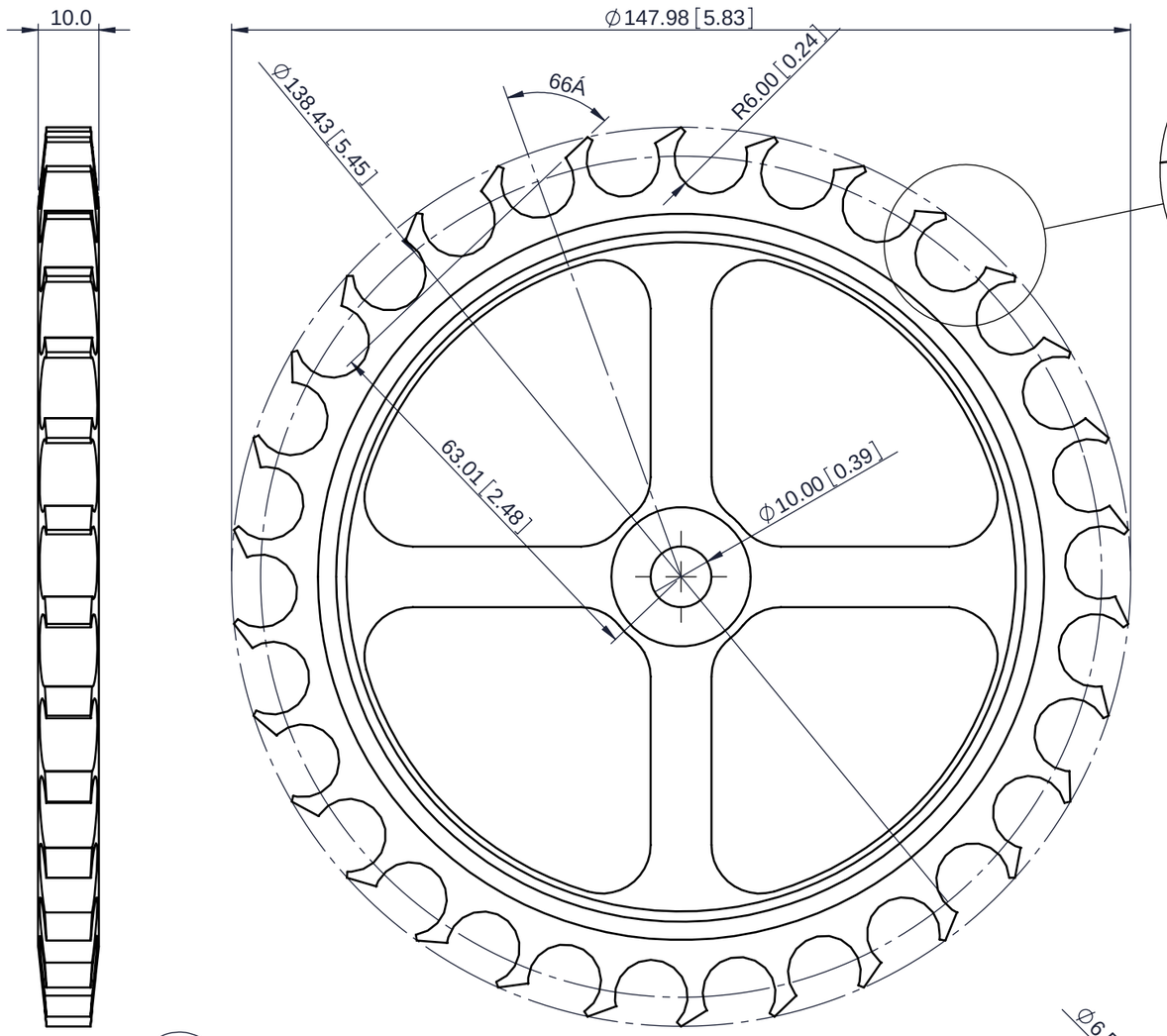




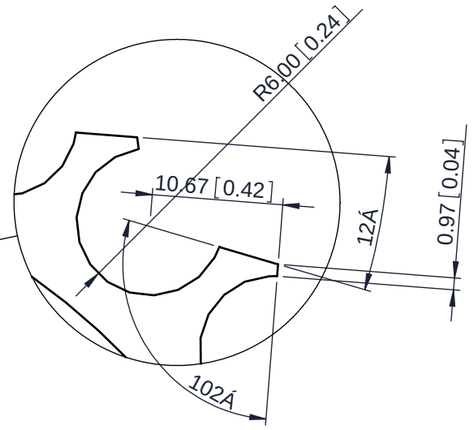
Bond all outer parts to the Sleeve

SECTION K-K

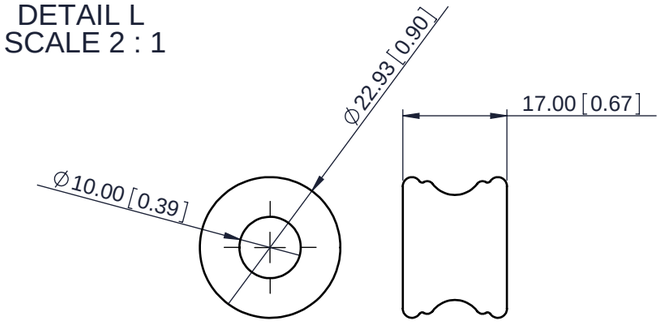
SHT OF SHTS	LAW WOODEN CLOCK 6	Timing Shaft Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk



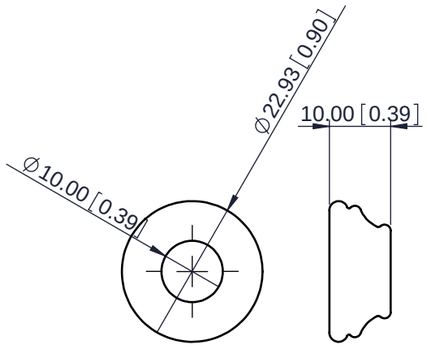
1 Timing Gear 1-off
Scale 1:1



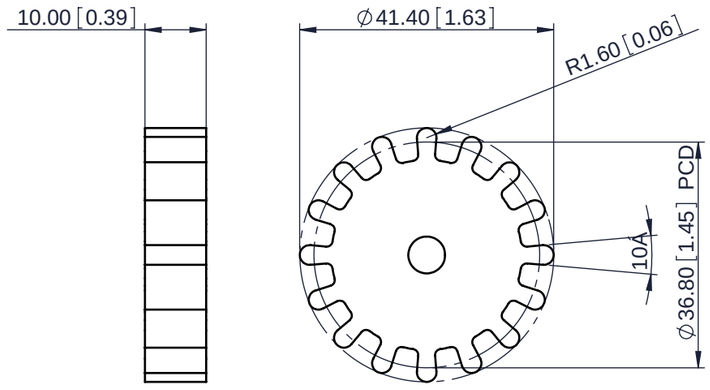
DETAIL L
SCALE 2 : 1



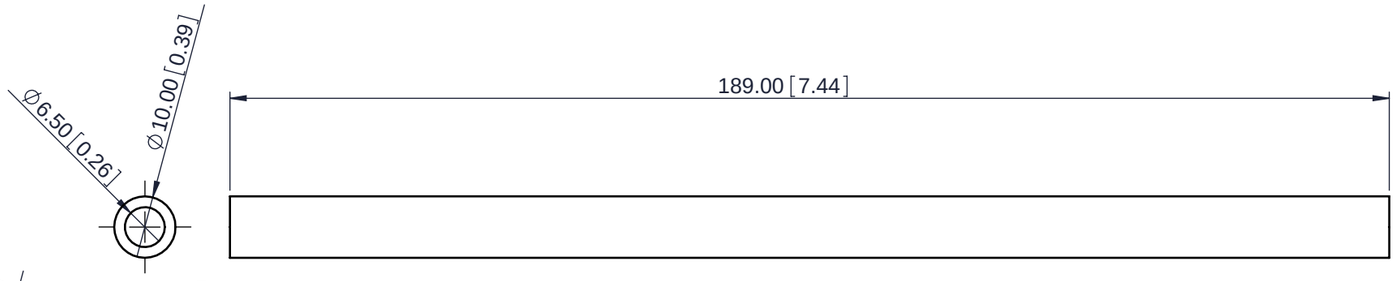
5 Gear nSupport Double 1-off
Scale 1:1



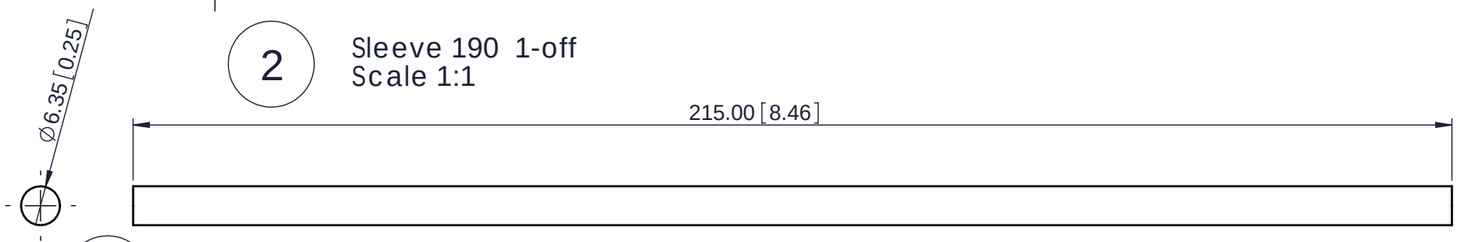
6 Gear nSupport Single 2-off
Scale 1:1



3 Gear 16 teeth Mod 2.3
Scale 1:1



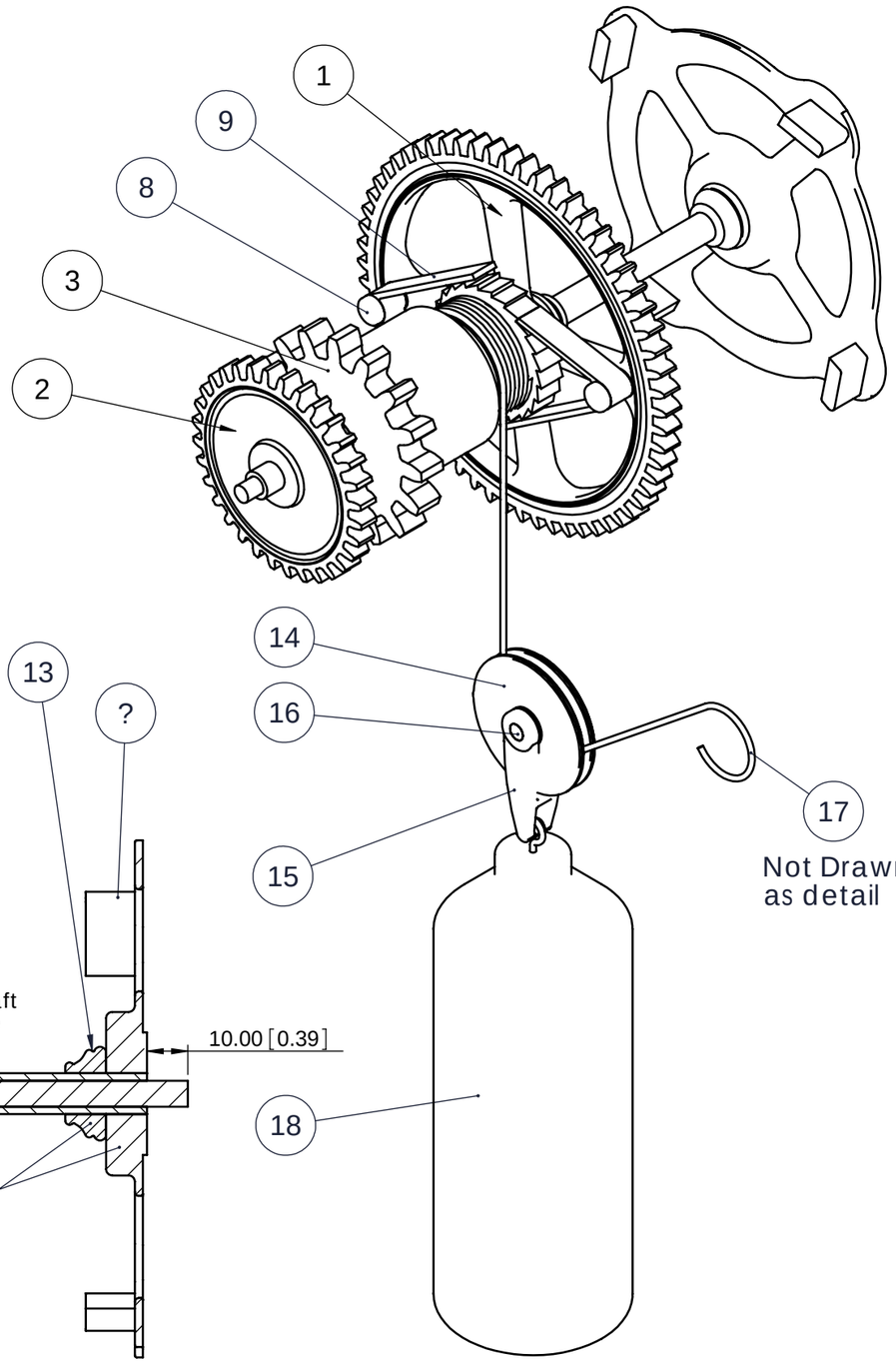
2 Sleeve 190 1-off
Scale 1:1



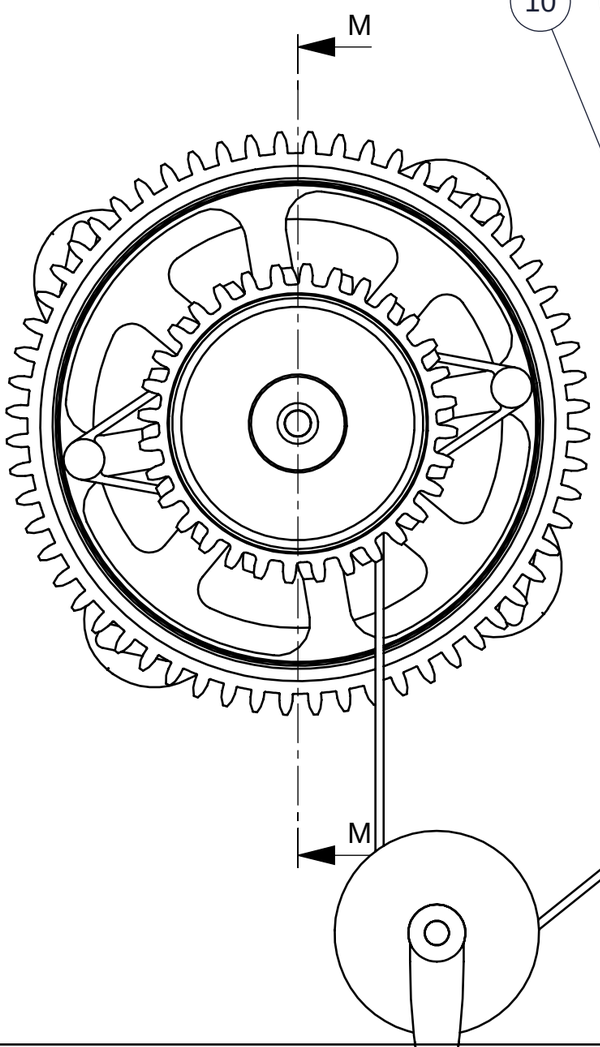
4 Shaft-215 Brass 1-off
Scale 1:1

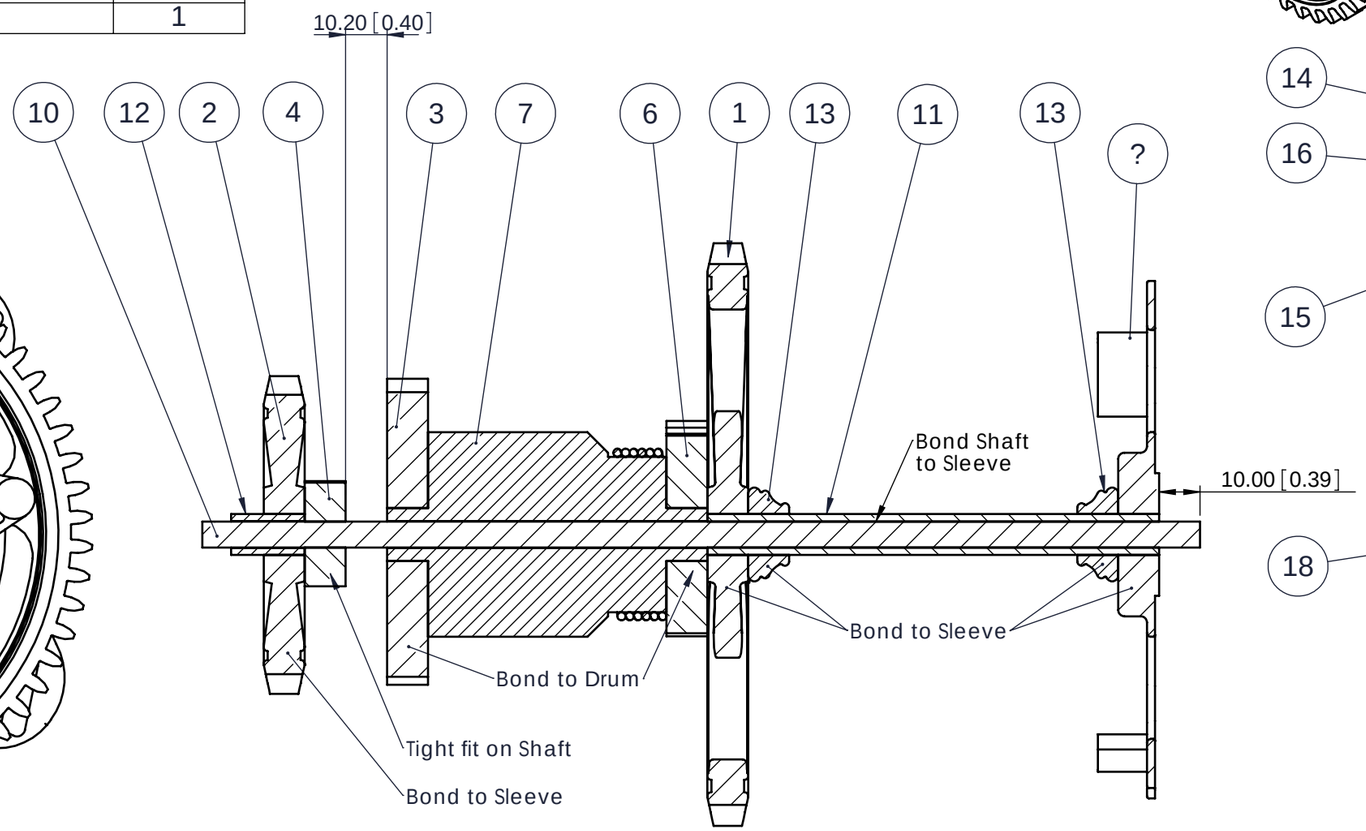
SHT OF SHTS	LAW WOODEN CLOCK 6	Timing Shaft Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk

ITEM NO.	PART NUMBER	QTY.
1	Clock 6-60-Teeth	1
2	32teeth	1
3	Clock 6-16-Teeth-DP6	1
4	10teeth	1
5	Clock 6-Chime Actuator	1
6	Ratchet	1
7	drum	1
8	Pawl pin	2
9	Pawl-Drum	2
10	Clock 6-Shaft-244	1
11	Clock 6-Sleeve-110	1
12	Clock 6-Sleeve-18	1
13	Clock 6 Gear-Support-Single	2
14	Clock 6-Pully	1
15	Clock 6-Pully Block	1
16	Clock 6-Pully Pin	1
17	rope	1
18	Brass weight	1



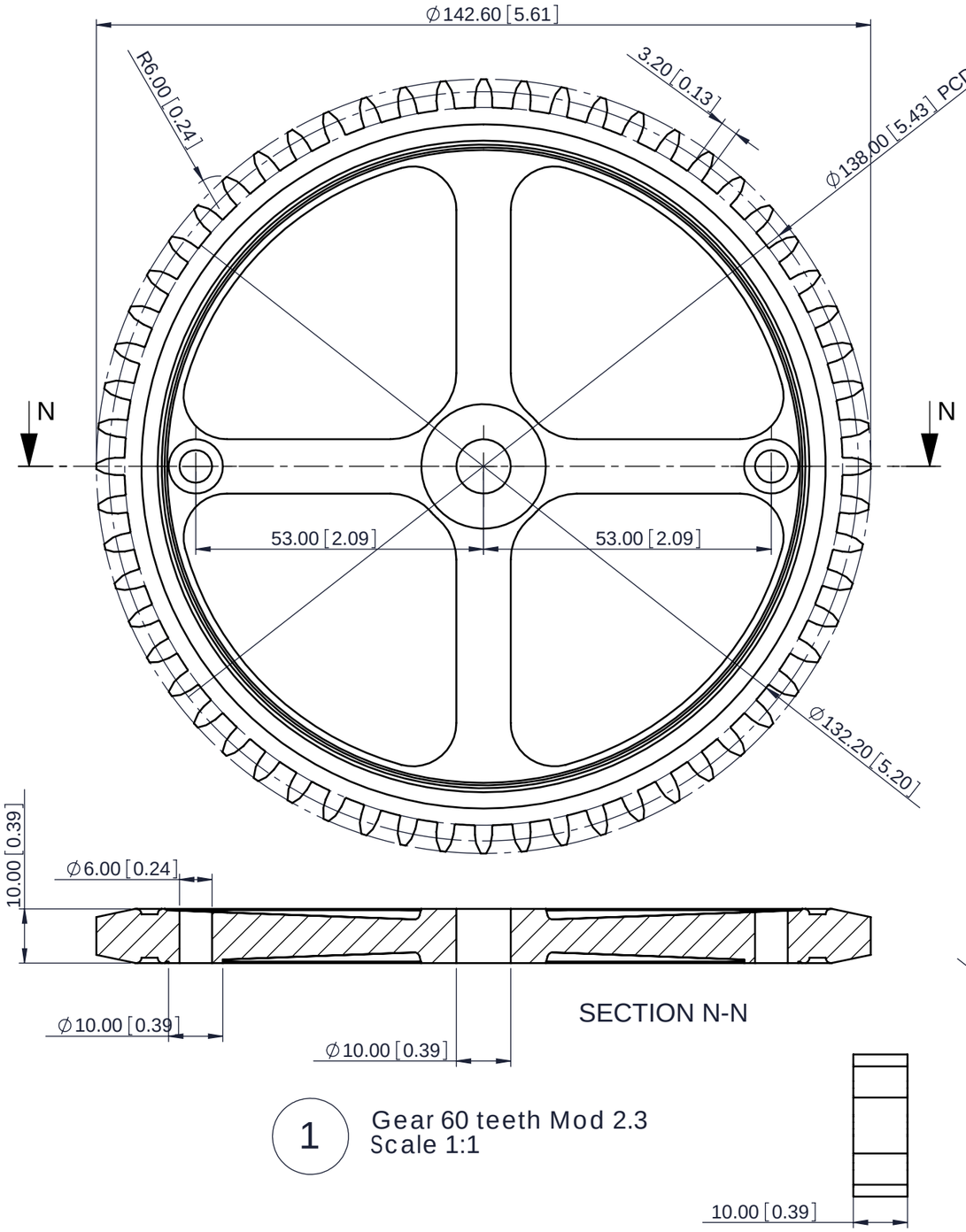
Not Drawn as detail



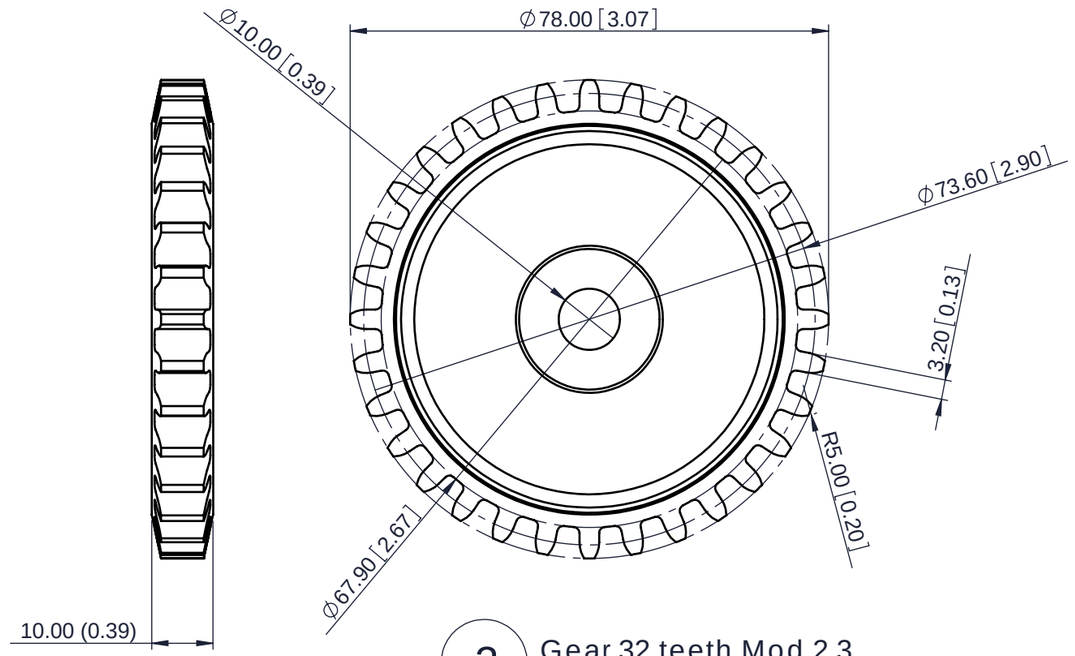


SECTION M-M
SCALE 1 : 1.5

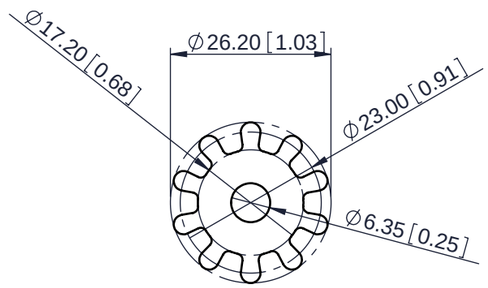
SHT OF SHTS	LAW WOODEN CLOCK 6	Shaft 3 Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk



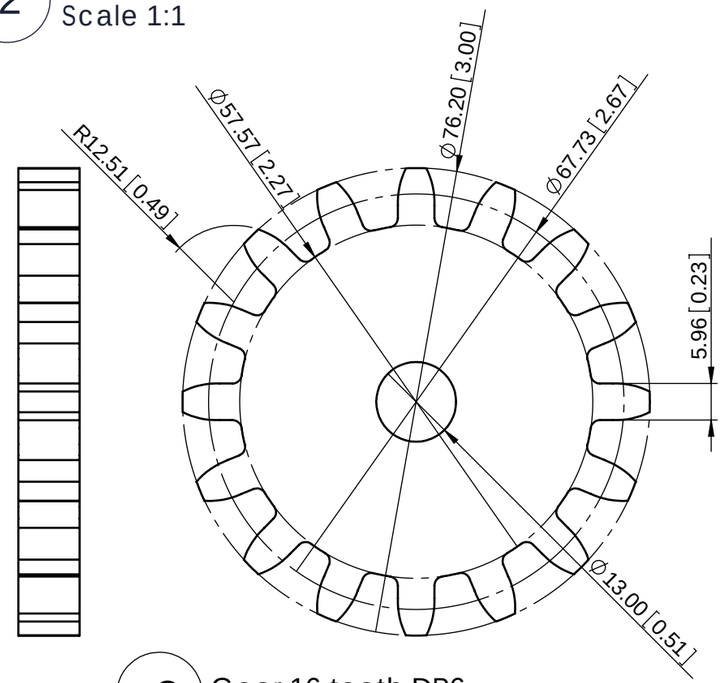
1 Gear 60 teeth Mod 2.3
Scale 1:1



2 Gear 32 teeth Mod 2.3
Scale 1:1

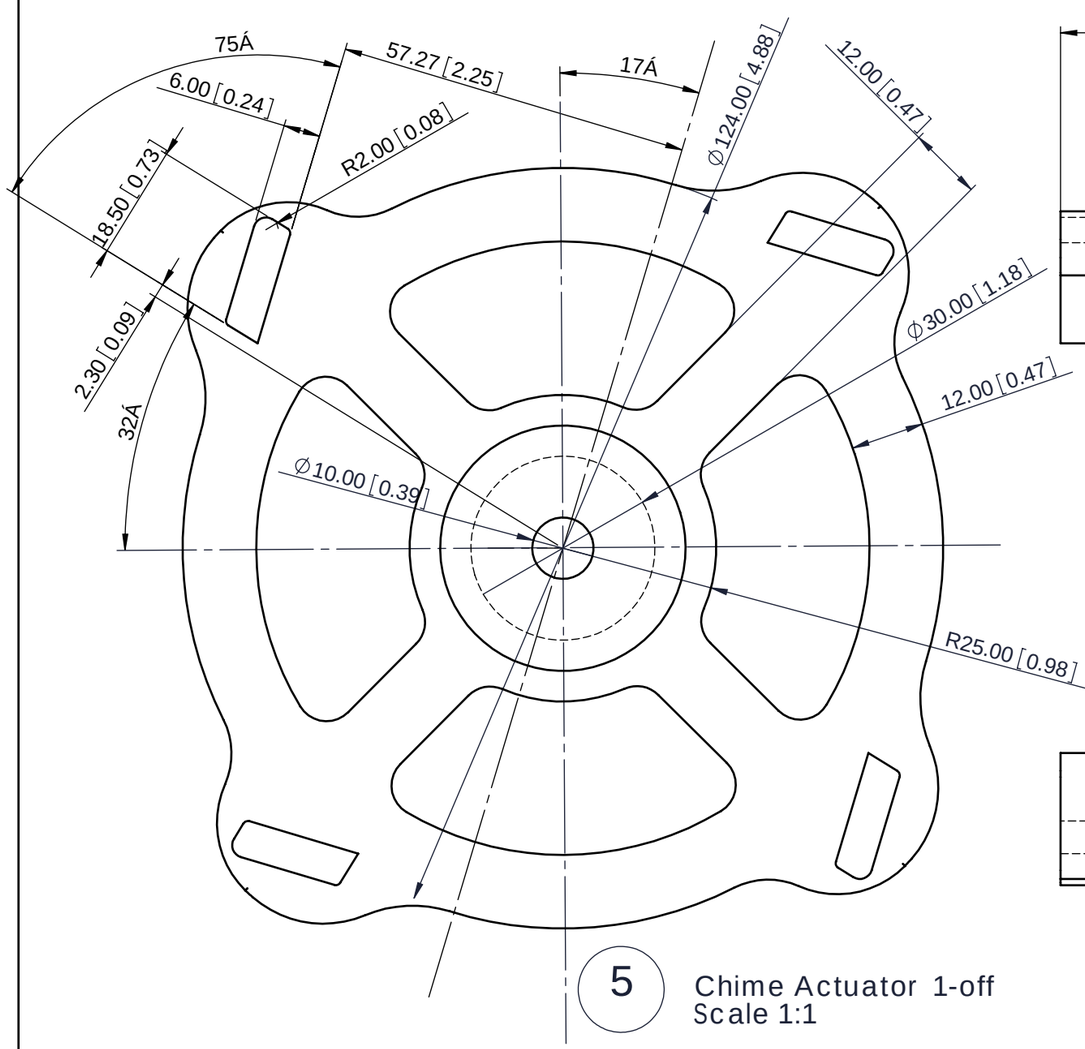


4 Gear 10 teeth Mod 2.3
Scale 1:1

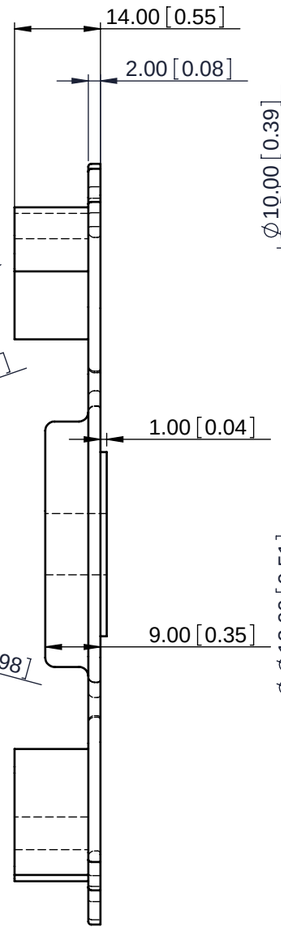


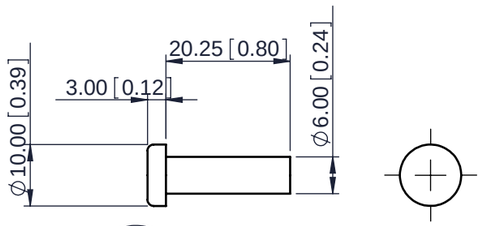
3 Gear 16 teeth DP6
Scale 1:1

SHT OF SHTS	LAW WOODEN CLOCK 6	Shaft 3 Assembly
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009
		Designed by: BRLAW www.woodenclocks.co.uk

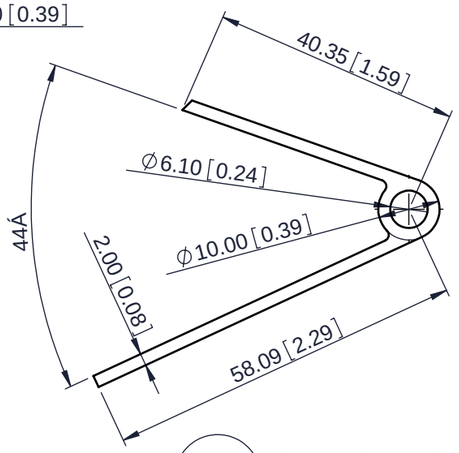


5 Chime Actuator 1-off
Scale 1:1

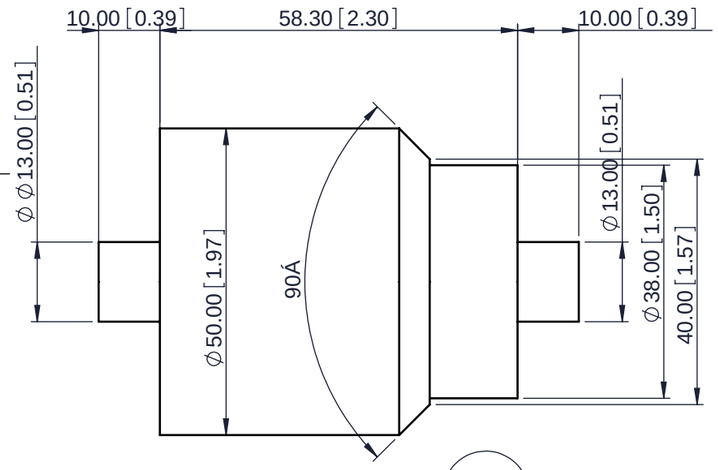




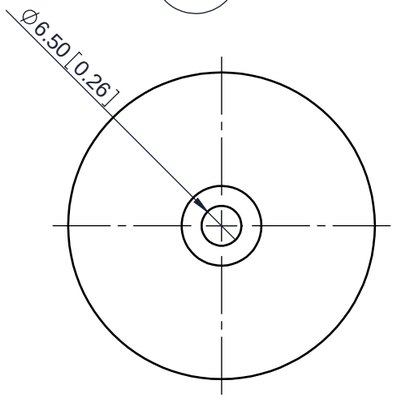
8 Pawl Pin 2-off
Scale 1:1

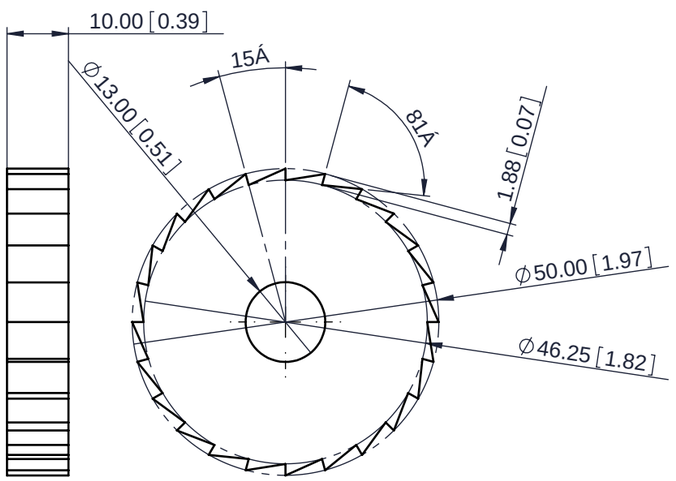


9 Pawl Drum 2-off
Scale 1:1

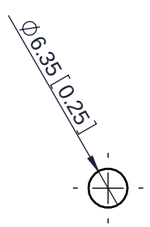


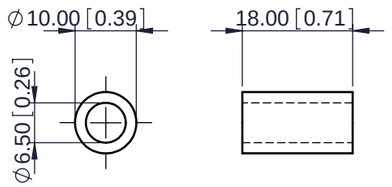
7 Drum 1-off
Scale 1:1



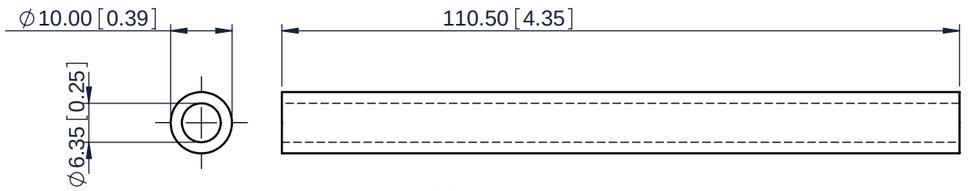


6 Ratchet 1-off
Scale 1:1



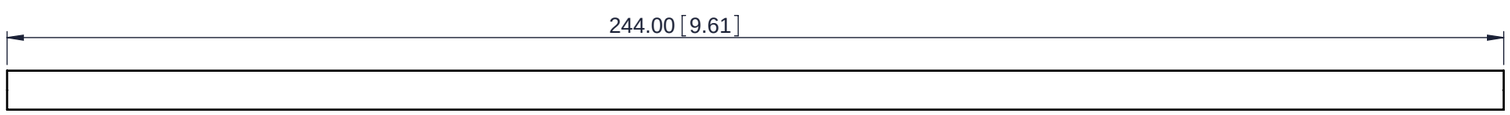


12 Sleeve 18 1-off
Scale 1:1



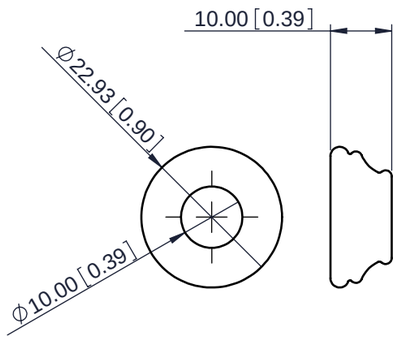
Tight fit on shaft 10

11 Sleeve 110 1-off
Scale 1:1

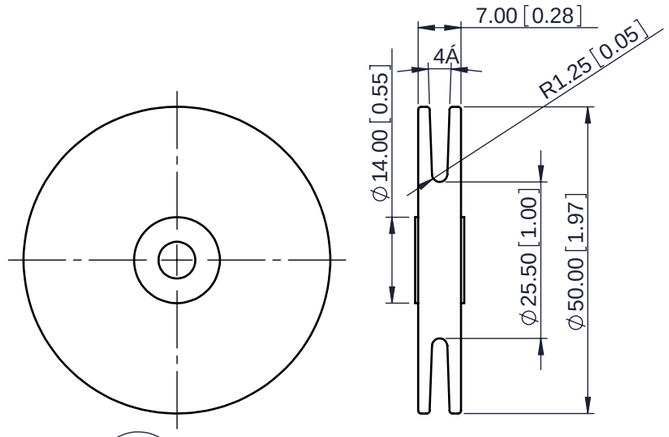


10 Shaft 244 1-off
Scale 1:1

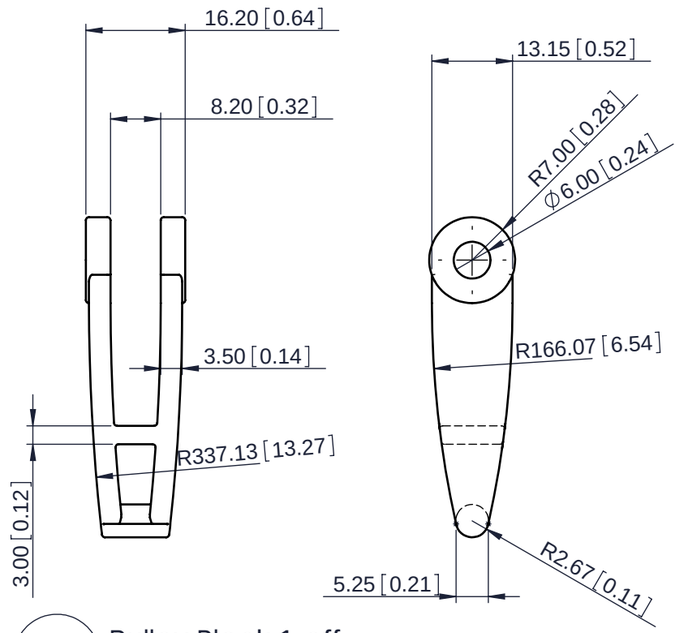
SHT OF SHTS	LAW WOODEN CLOCK 6	Shaft 3 Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk



13 Gear Support-Single 2-off
Scale 1:1

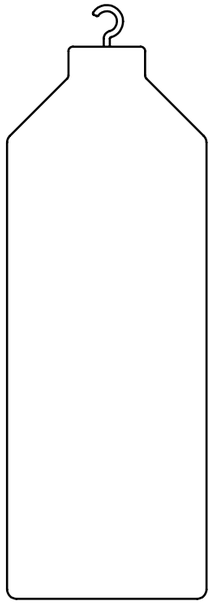


14 Gear Pulley 1-off
Scale 1;1



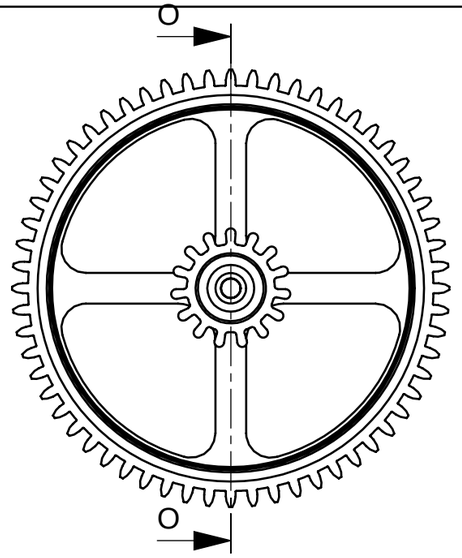
15 Pulley Block 1-off
Scale 1:1

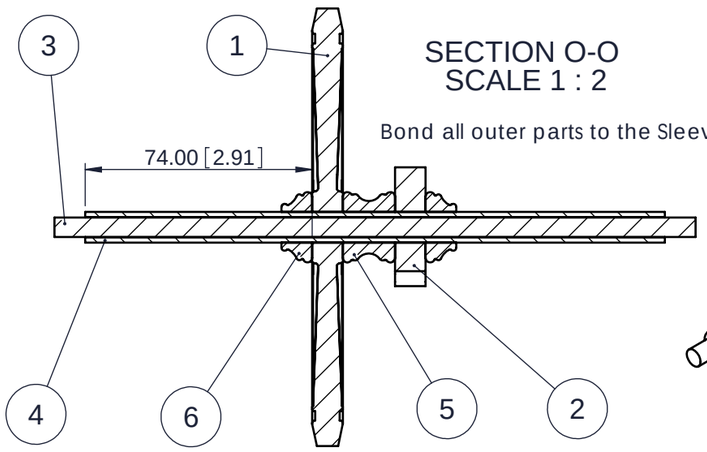
16 Pulley Pin 1-off
Scale 1:1



18 Brass Weight 1-off
Experiment to determine
minimum weght required

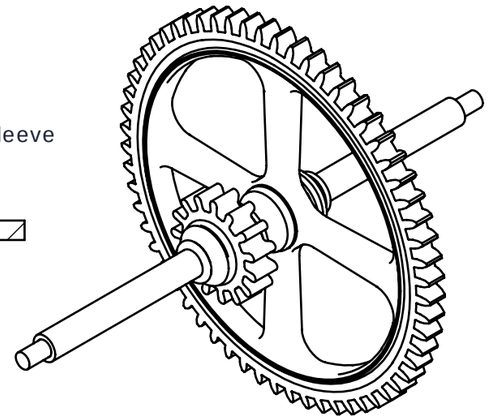
SHT OF SHTS	LAW WOODEN CLOCK 6	Shaft 3 Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk



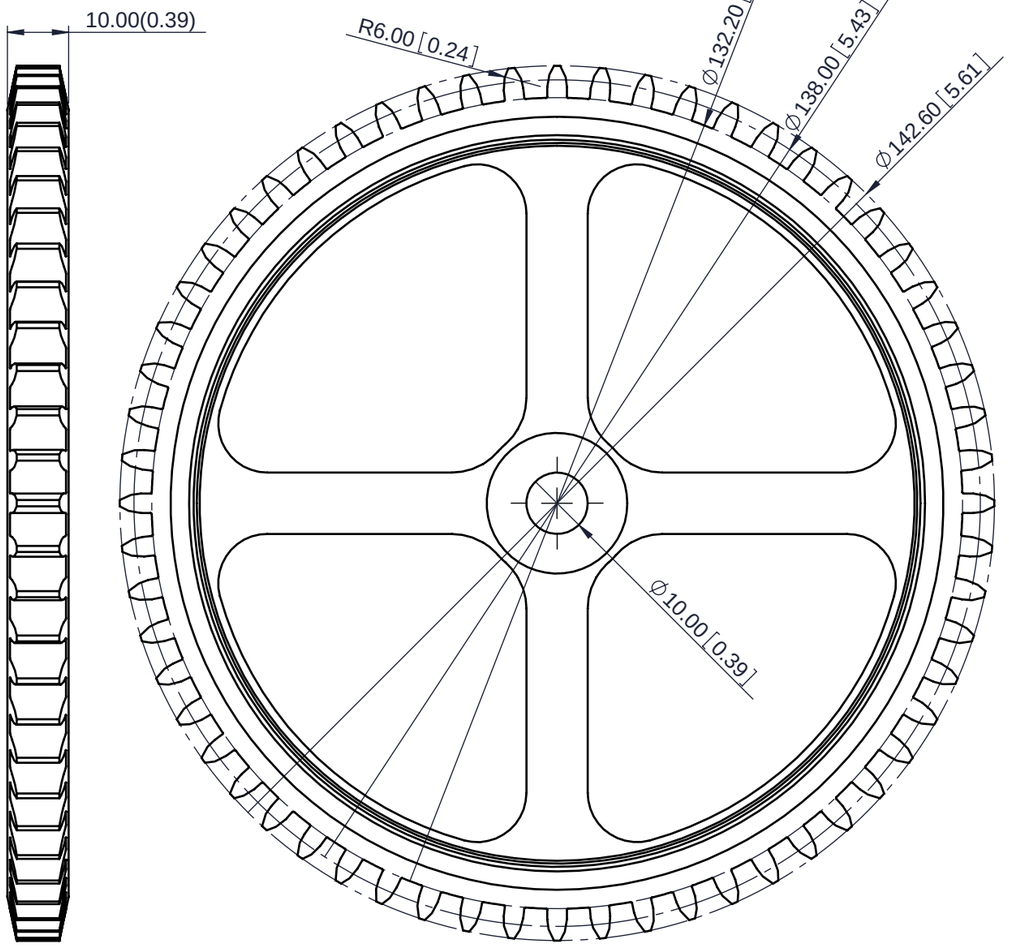


SECTION O-O
SCALE 1 : 2

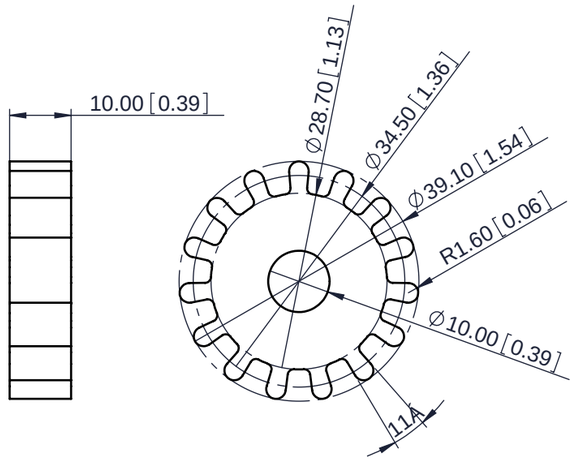
Bond all outer parts to the Sleeve



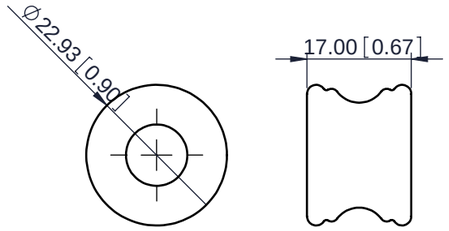
ITEM NO.	PART NUMBER	QTY.
1	Clock 6-60-Teeth	1
2	Clock 6-15-Teeth	1
3	Clock 6-Shaft-209	1
4	Clock 6-Sleeve-190	1
5	Clock 6 Gear-Support-Double	1
6	Clock 6 Gear-Support-Single	2



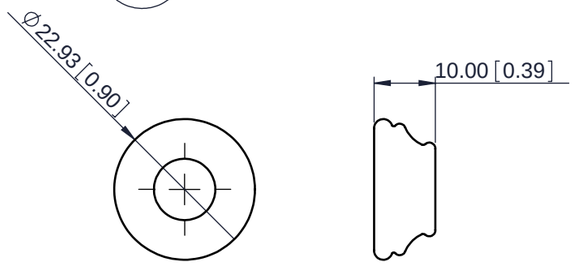
1 Gear 60 teeth Mod 2.3 1-off
Scale 1:1



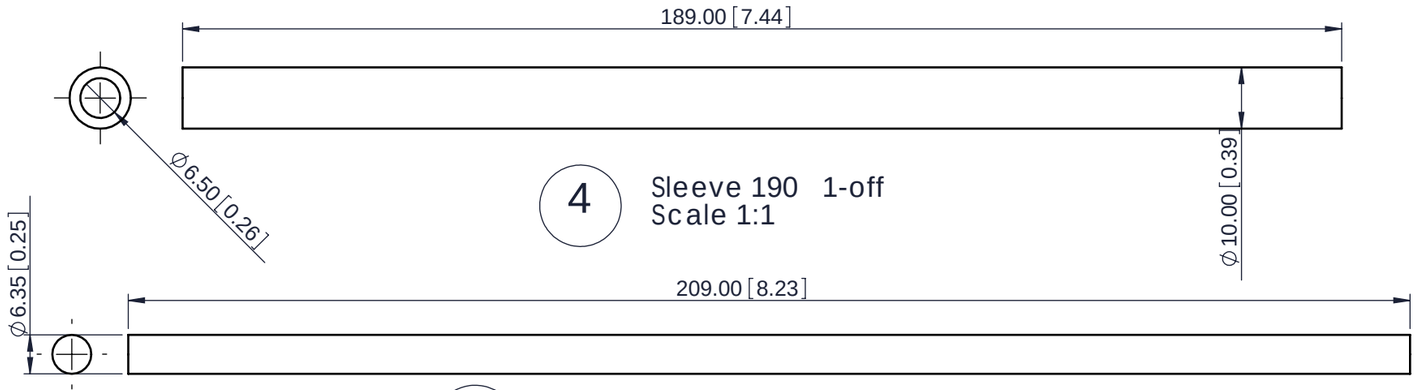
2 Gear 15 teeth Mod 2.3 1-off
Scale 1:1



5 Gear Support Double 1-off
Scale 1:1



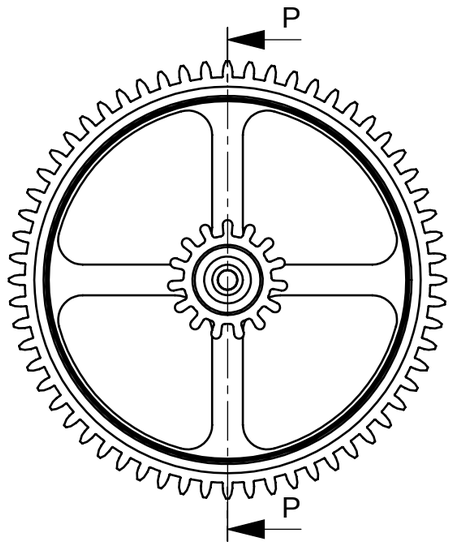
6 Gear Support Single 2 off
Scale 1:1

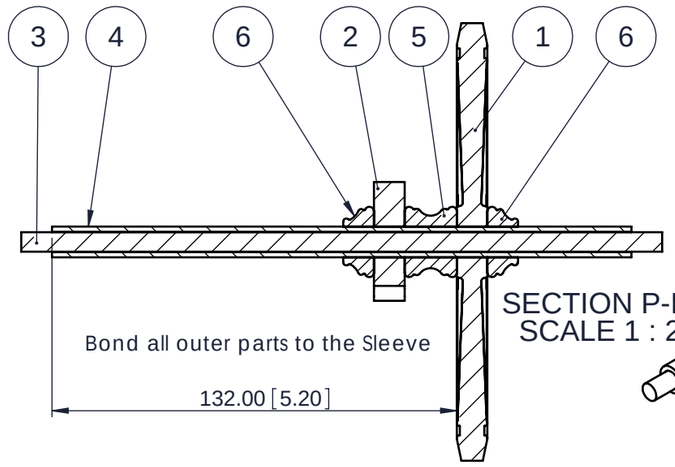


4 Sleeve 190 1-off
Scale 1:1

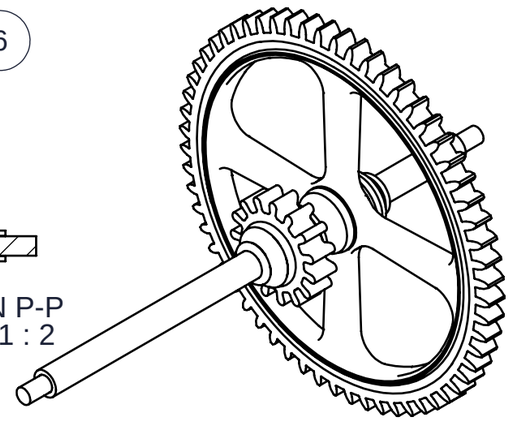
3 Shaft 209 Brass 1-off
Scale 1:1

SHT OF SHTS	LAW WOODEN CLOCK 6	Shaft 6 Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk

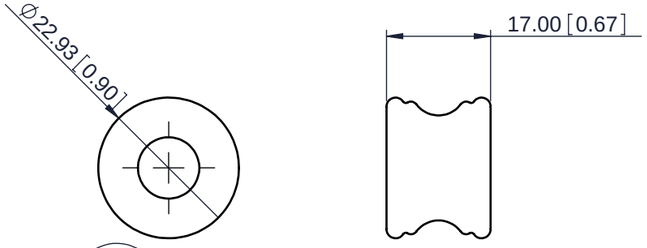




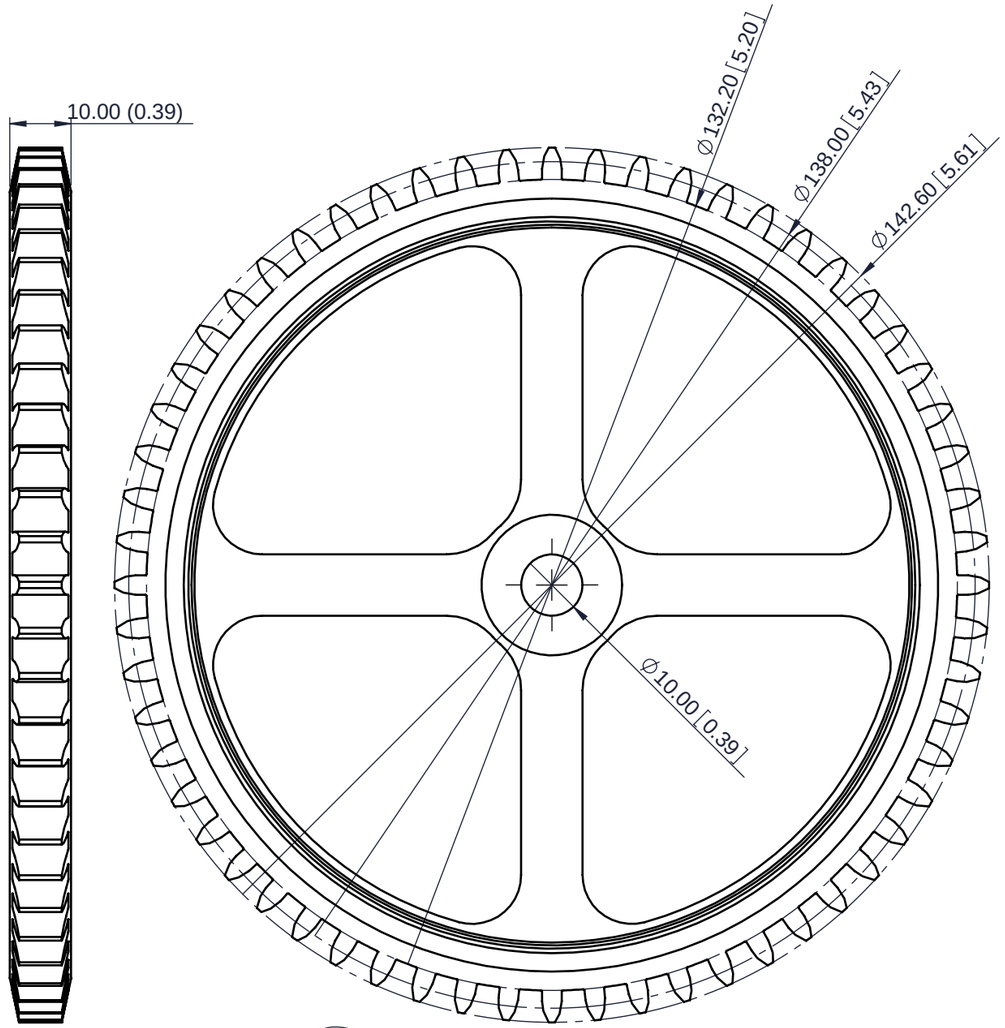
SECTION P-P
SCALE 1 : 2



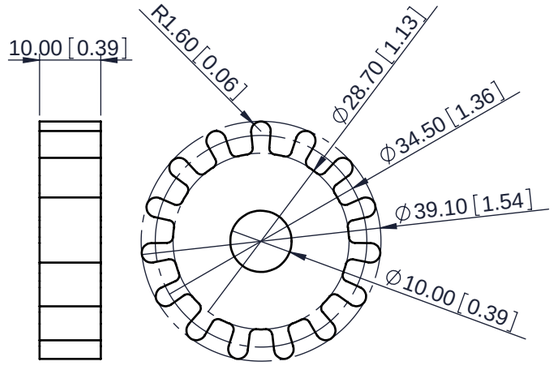
ITEM NO.	PART NUMBER	QTY.
1	Clock 6-60-Teeth	1
2	Clock 6-15-Teeth	1
3	Clock 6-Shaft-209	1
4	Clock 6-Sleeve-190	1
5	Clock 6 Gear-Support-Double	1
6	Clock 6 Gear-Support-Single	2



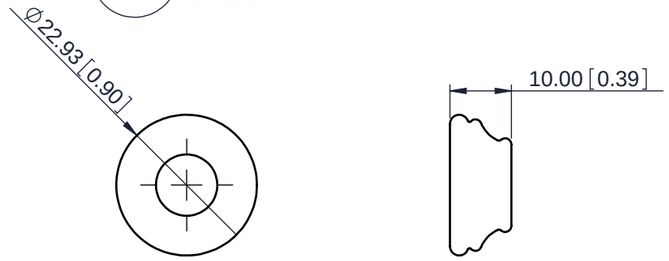
5 Gear Support Double 1-off
Scale 1:1



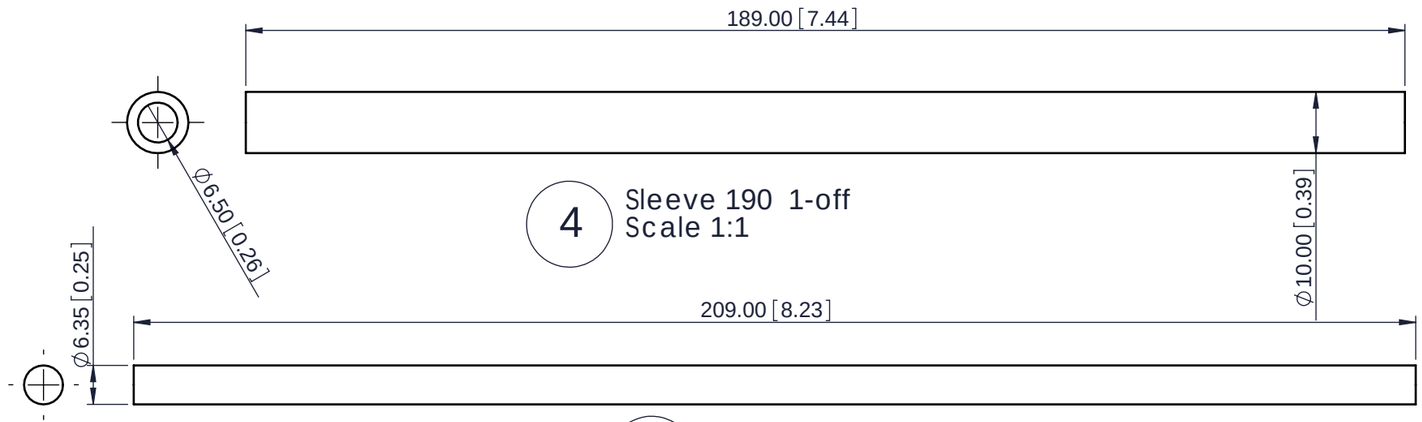
1 Gear 60 teeth Mod 2.3 1-off
Scale 1:1



2 Gear 15 teeth Mod 2.3 1-off
Scale 1:1



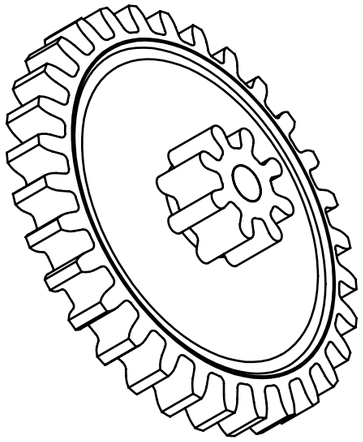
6 Gear Support Single 2-off
Scale 1:1

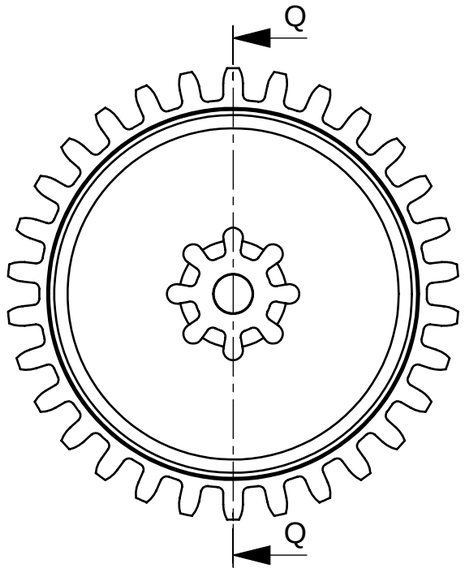


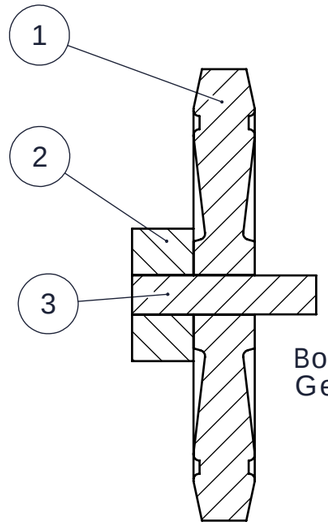
4 Sleeve 190 1-off
Scale 1:1

3 Shaft 209 1-off
Scale 1:1

SHT OF SHTS	LAW WOODEN CLOCK 6	Shaft 5 Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk



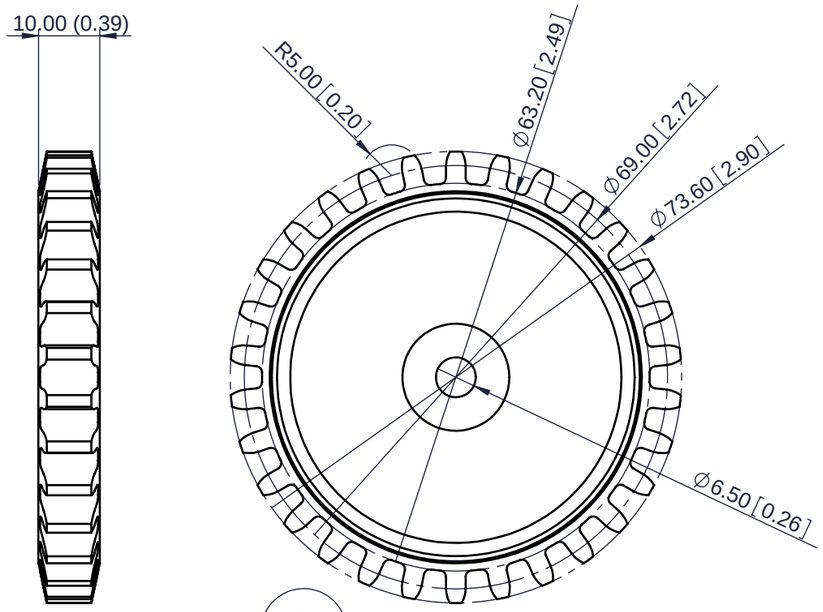




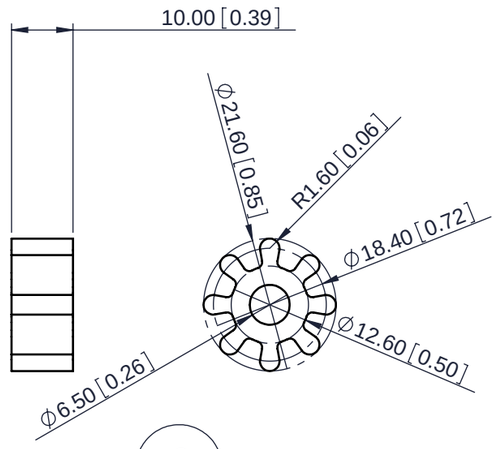
Bond gears together.
Gears lose fit on shaft

SECTION Q-Q
SCALE 1 : 1

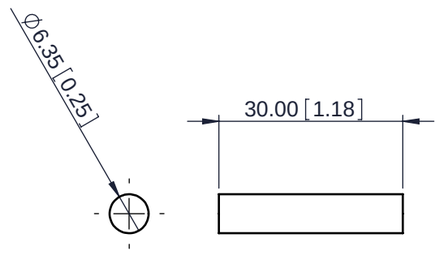
ITEM NO.	PART NUMBER	QTY.
1	Clock 6 30teeth	1
2	Clock 6-8teeth	1
3	Shaft 30	1



1 Gear 30 teeth Mod 2.3 1-off
Scale 1:1



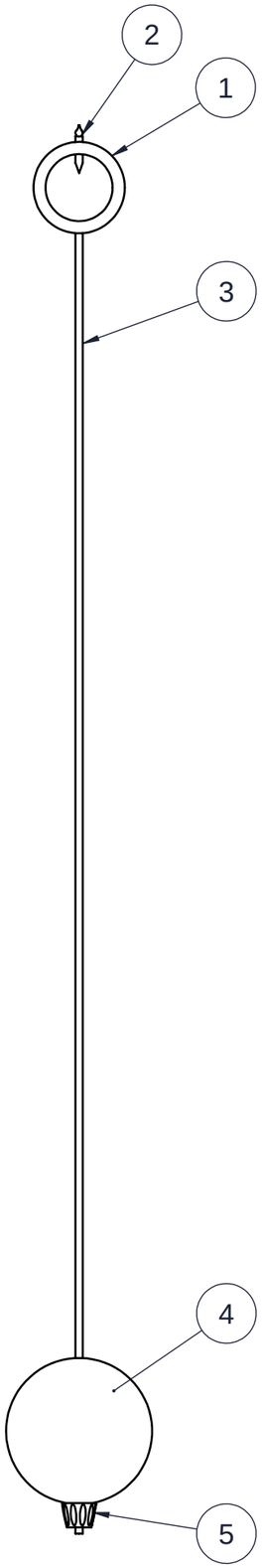
2 Gear 8 teeth Mod 2.3 1-off
Scale 1:1

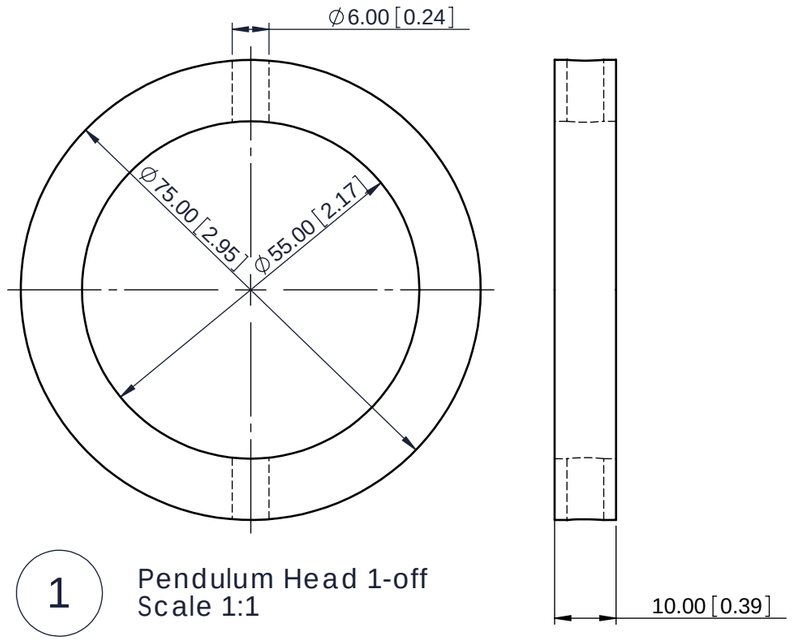


3 Shaft 30 1-off
Scale 1:1

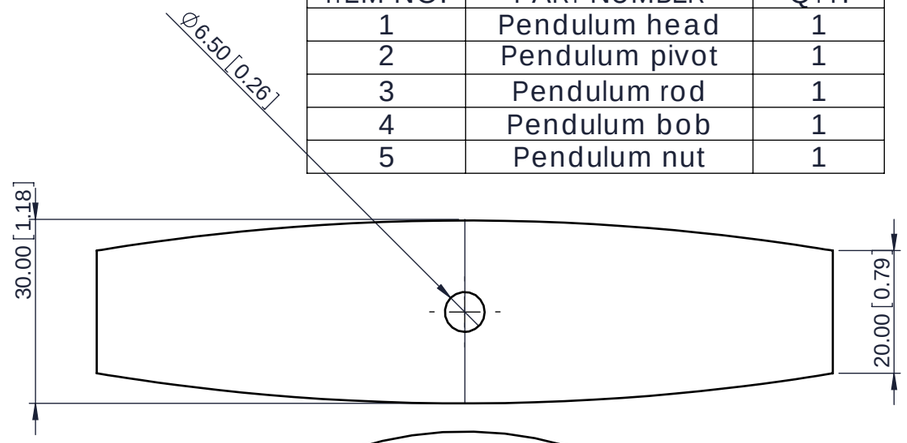
SHT OF SHTS	LAW WOODEN CLOCK 6	Hour Shaft Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk

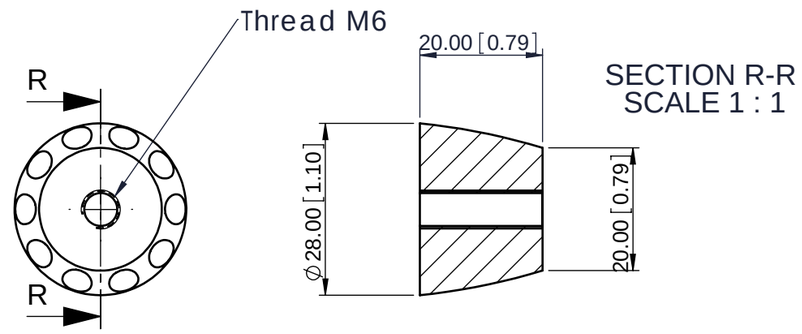
ITEM NO.	PART NUMBER	QTY.
1	Pendulum head	1
2	Pendulum pivot	1
3	Pendulum rod	1
4	Pendulum bob	1
5	Pendulum nut	1





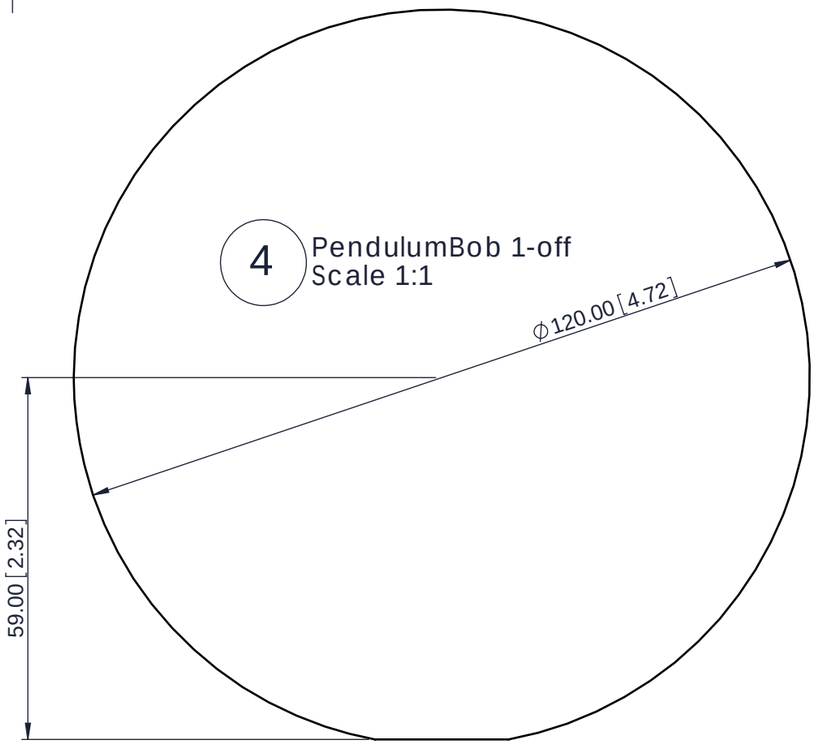
1 Pendulum Head 1-off
Scale 1:1



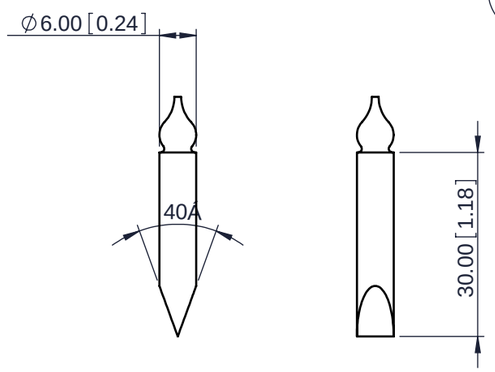


SECTION R-R
SCALE 1 : 1

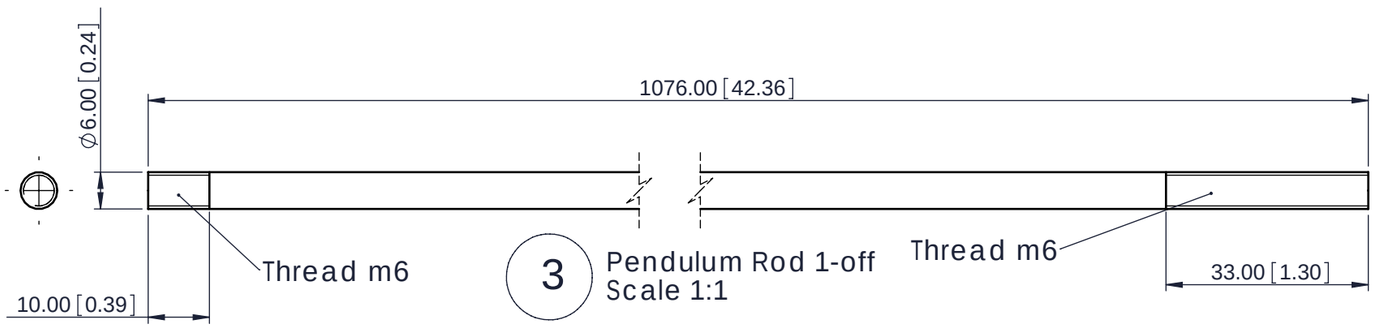
5 Pendulum Nut 1-off
Scale 1:1



4 PendulumBob 1-off
Scale 1:1

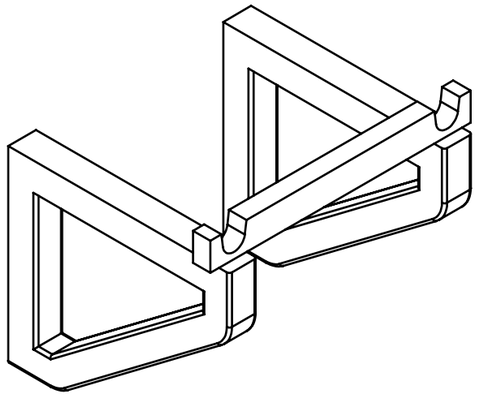


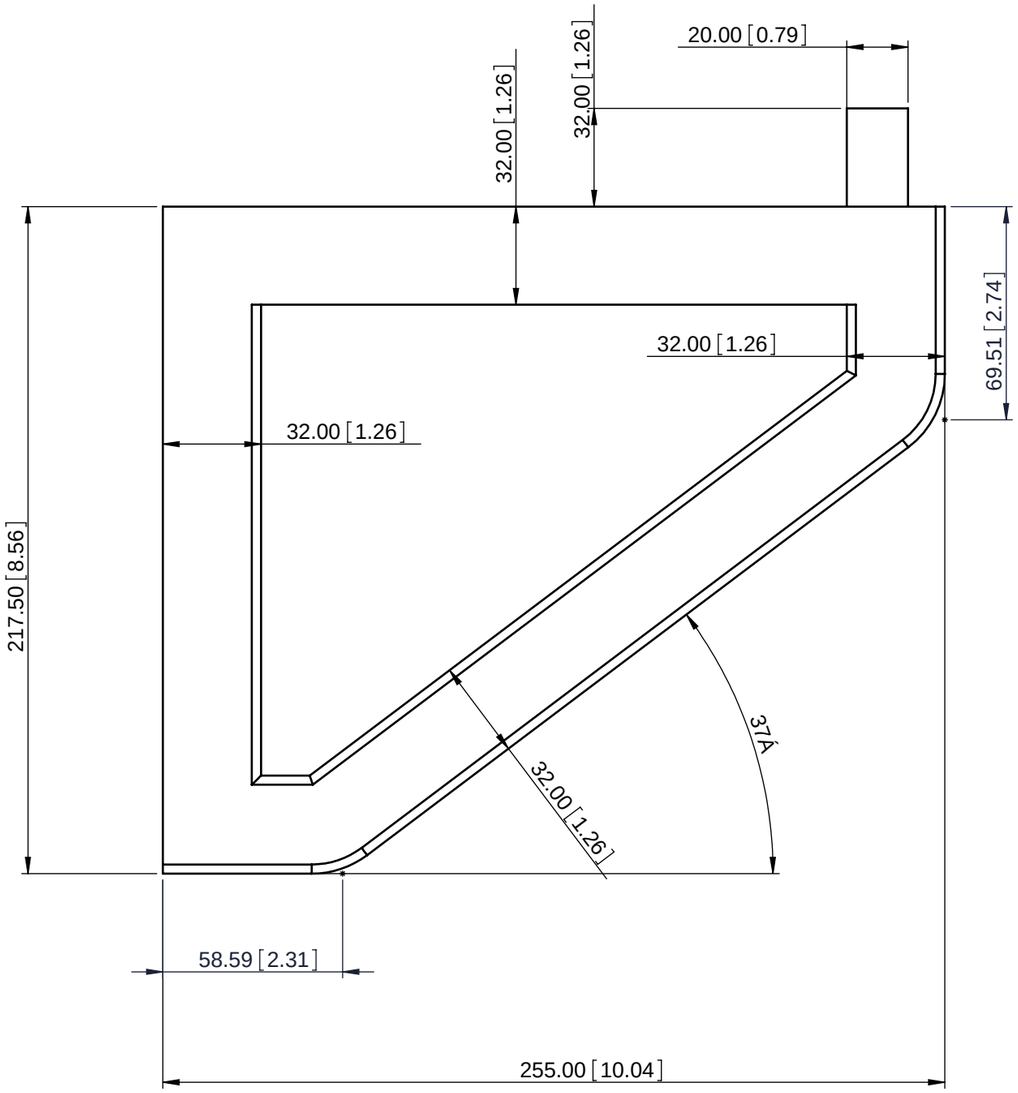
2 Pendulum Pivot 1-off
Scale 1:1

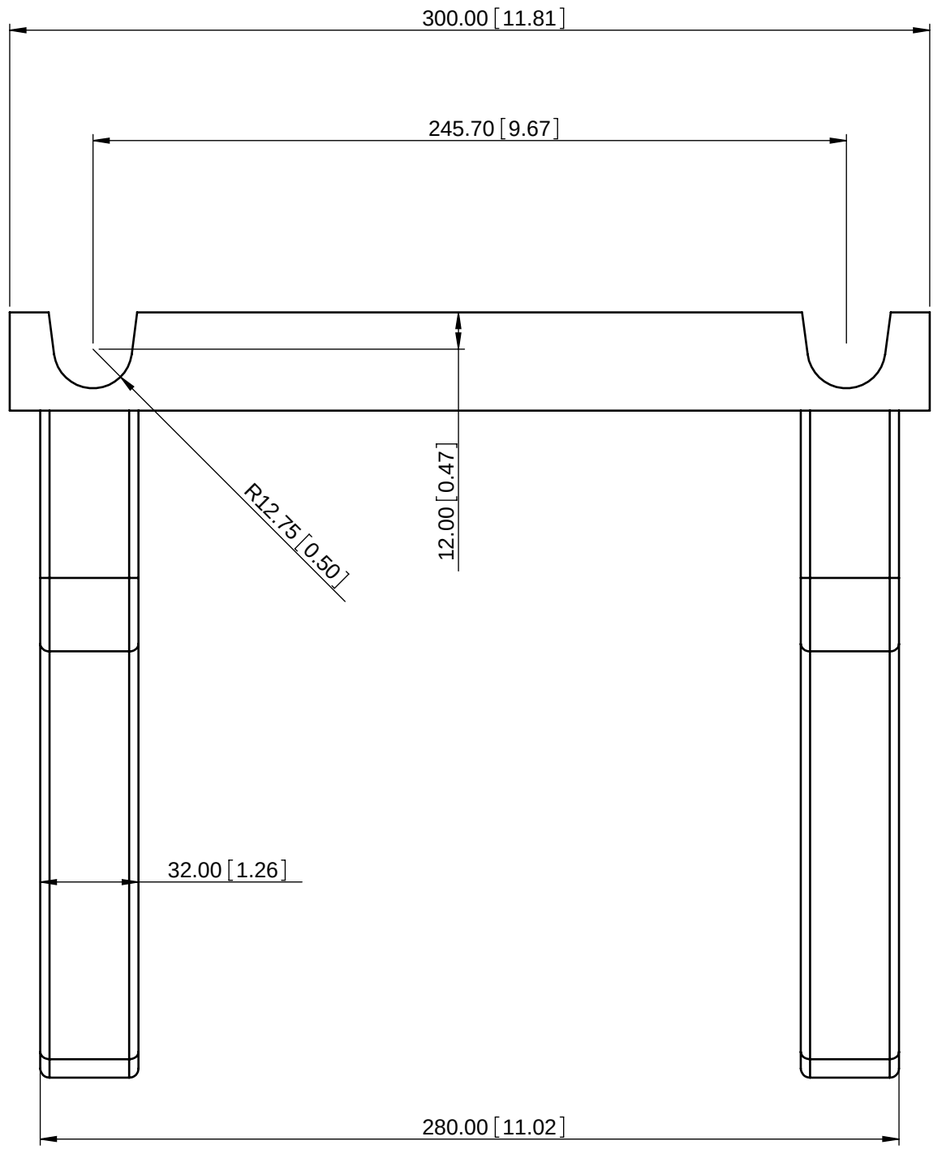


3 Pendulum Rod 1-off
Scale 1:1

SHT OF SHTS	LAW WOODEN CLOCK 6	Pendulumn Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk







SHT OF SHTS	LAW WOODEN CLOCK 6	Simple Bracket Assembly	
Not to Scale Unless otherwise stated	ALL DIMENSIONS IN MM 3rd ANGLE PROJECTION UNTOLERANCED DIMS +/- 0.5	JAN 2009	Designed by: BRLAW www.woodenclocks.co.uk